

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015186.D
 Acq On : 18 Aug 2023 11:13
 Operator : SY/MD
 Sample : VY0818SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0818SBS01

Quant Time: Aug 18 23:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	176808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	106833	50.336	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.680%			
35) Dibromofluoromethane	7.716	113	93918	49.904	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.800%			
50) Toluene-d8	10.179	98	346170	49.412	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.820%			
62) 4-Bromofluorobenzene	12.483	95	122143	47.734	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17971	20.798	ug/l	98
3) Chloromethane	2.113	50	21379	17.787	ug/l	97
4) Vinyl Chloride	2.247	62	26584	18.895	ug/l	99
5) Bromomethane	2.625	94	22064	20.284	ug/l	99
6) Chloroethane	2.784	64	20473	20.043	ug/l	97
7) Trichlorofluoromethane	3.113	101	47597	20.077	ug/l	99
8) Diethyl Ether	3.527	74	18062	19.427	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	29594	20.086	ug/l	96
10) Methyl Iodide	4.088	142	23267	16.082	ug/l	98
11) Tert butyl alcohol	4.954	59	37884	98.605	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	23532	19.127	ug/l	96
13) Acrolein	3.729	56	20735	127.632	ug/l	99
14) Allyl chloride	4.472	41	42519	19.493	ug/l	98
15) Acrylonitrile	5.161	53	65060	103.258	ug/l	99
16) Acetone	3.948	43	74431	107.348	ug/l	93
17) Carbon Disulfide	4.186	76	36731	16.964	ug/l #	93
18) Methyl Acetate	4.472	43	50437	19.850	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	103319	19.750	ug/l	99
20) Methylene Chloride	4.710	84	42504	23.257	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	26274	18.933	ug/l	95
22) Diisopropyl ether	6.118	45	109922	20.196	ug/l	93
23) Vinyl Acetate	6.057	43	313624	96.567	ug/l	95
24) 1,1-Dichloroethane	6.009	63	59955	20.346	ug/l	97
25) 2-Butanone	6.984	43	102767	104.680	ug/l	99
26) 2,2-Dichloropropane	6.978	77	53627	18.878	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	37201	19.624	ug/l	96
28) Bromochloromethane	7.332	49	29487	21.781	ug/l	95
29) Tetrahydrofuran	7.344	42	59130	100.730	ug/l	95
30) Chloroform	7.502	83	66829	20.231	ug/l	96
31) Cyclohexane	7.783	56	39983	19.535	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	55591	19.776	ug/l	99
36) 1,1-Dichloropropene	7.911	75	40514	19.459	ug/l	100
37) Ethyl Acetate	7.076	43	37121	19.127	ug/l	96
38) Carbon Tetrachloride	7.899	117	47084	19.108	ug/l	95
39) Methylcyclohexane	9.185	83	44230	18.950	ug/l	91
40) Benzene	8.161	78	124430	19.767	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015186.D
 Acq On : 18 Aug 2023 11:13
 Operator : SY/MD
 Sample : VY0818SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0818SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/21/2023
 Supervised By : Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19558m	19.544	ug/l	
42) 1,2-Dichloroethane	8.234	62	46097	20.164	ug/l	96
43) Isopropyl Acetate	8.271	43	68768	19.458	ug/l	98
44) Trichloroethene	8.941	130	35620	19.642	ug/l	99
45) 1,2-Dichloropropane	9.215	63	35175	19.817	ug/l	93
46) Dibromomethane	9.307	93	22273	19.895	ug/l	96
47) Bromodichloromethane	9.496	83	53208	19.917	ug/l	98
48) Methyl methacrylate	9.295	41	29535	19.536	ug/l	93
49) 1,4-Dioxane	9.295	88	7986	356.732	ug/l #	44
51) 4-Methyl-2-Pentanone	10.069	43	204863	100.018	ug/l	95
52) Toluene	10.240	92	79702	19.210	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	53109	18.917	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	57663	19.502	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	33671	19.780	ug/l	96
56) Ethyl methacrylate	10.508	69	47169	18.934	ug/l	91
57) 1,3-Dichloropropane	10.788	76	55830	20.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	117696	101.518	ug/l	95
59) 2-Hexanone	10.831	43	152288	100.459	ug/l	93
60) Dibromochloromethane	10.983	129	40071	19.734	ug/l	100
61) 1,2-Dibromoethane	11.087	107	31512	19.487	ug/l	98
64) Tetrachloroethene	10.721	164	35239	19.081	ug/l	98
65) Chlorobenzene	11.514	112	94758	19.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	37277	19.022	ug/l	97
67) Ethyl Benzene	11.593	91	163472	19.318	ug/l	99
68) m/p-Xylenes	11.703	106	123551	38.442	ug/l	97
69) o-Xylene	12.032	106	62378	19.483	ug/l	94
70) Styrene	12.044	104	107099	19.327	ug/l	96
71) Bromoform	12.209	173	26510	18.661	ug/l #	99
73) Isopropylbenzene	12.331	105	170500	20.066	ug/l	99
74) N-amyl acetate	12.142	43	60364	19.676	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	44232	19.987	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	35220m	21.938	ug/l	
77) Bromobenzene	12.605	156	40217	19.417	ug/l	95
78) n-propylbenzene	12.672	91	201919	20.012	ug/l	99
79) 2-Chlorotoluene	12.757	91	114518	19.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	139056	19.633	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	13702	18.747	ug/l	100
82) 4-Chlorotoluene	12.855	91	120361	20.015	ug/l	100
83) tert-Butylbenzene	13.075	119	127108	19.620	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	140310	19.824	ug/l	100
85) sec-Butylbenzene	13.251	105	190168	20.034	ug/l	100
86) p-Isopropyltoluene	13.367	119	156247	19.853	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	81305	19.792	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	81263	19.722	ug/l	98
89) n-Butylbenzene	13.696	91	149177	20.104	ug/l	97
90) Hexachloroethane	13.965	117	30039	19.240	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	75390	19.645	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8116	18.932	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	47241	19.174	ug/l	99
94) Hexachlorobutadiene	15.111	225	26203	19.552	ug/l	98
95) Naphthalene	15.239	128	112364	18.308	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43059	19.352	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015186.D
Acq On : 18 Aug 2023 11:13
Operator : SY/MD
Sample : VY0818SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:05:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015186.D
 Acq On : 18 Aug 2023 11:13
 Operator : SY/MD
 Sample : VY0818SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 VY0818SBS01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/21/2023
 Supervised By : Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

