

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015187.D
 Acq On : 18 Aug 2023 11:36
 Operator : SY/MD
 Sample : VY0818SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 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 23:06:14 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)

Internal Standards						
1) Pentafluorobenzene	7.789	168	176065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109650	51.881	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.760%			
35) Dibromofluoromethane	7.716	113	94489	51.277	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.560%			
50) Toluene-d8	10.179	98	354786	51.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.483	95	124153	49.553	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17882	20.778	ug/l	96
3) Chloromethane	2.107	50	20883	17.369	ug/l	99
4) Vinyl Chloride	2.247	62	26743	19.088	ug/l	97
5) Bromomethane	2.625	94	21545	19.850	ug/l	99
6) Chloroethane	2.784	64	19981	19.644	ug/l	95
7) Trichlorofluoromethane	3.113	101	48114	20.381	ug/l	97
8) Diethyl Ether	3.521	74	18044	19.489	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	30028	20.467	ug/l	96
10) Methyl Iodide	4.082	142	23945	16.621	ug/l	99
11) Tert butyl alcohol	4.948	59	45831	123.516	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	23850	19.467	ug/l	95
13) Acrolein	3.729	56	21445	135.314	ug/l	100
14) Allyl chloride	4.472	41	41954	19.315	ug/l	98
15) Acrylonitrile	5.155	53	66528	106.033	ug/l	98
16) Acetone	3.942	43	73558	106.537	ug/l	94
17) Carbon Disulfide	4.186	76	36128	16.756	ug/l	97
18) Methyl Acetate	4.472	43	51425	20.324	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	102056	19.591	ug/l	97
20) Methylene Chloride	4.710	84	43192	23.830	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	26996	19.535	ug/l	89
22) Diisopropyl ether	6.112	45	108524	20.023	ug/l	95
23) Vinyl Acetate	6.058	43	313281	96.869	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	60060	20.468	ug/l	98
25) 2-Butanone	6.984	43	101027	103.342	ug/l	97
26) 2,2-Dichloropropane	6.978	77	52771	18.655	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	36973	19.586	ug/l	98
28) Bromochloromethane	7.332	49	29875	22.160	ug/l	97
29) Tetrahydrofuran	7.344	42	59823	102.341	ug/l	95
30) Chloroform	7.502	83	66529	20.225	ug/l	100
31) Cyclohexane	7.783	56	40331	19.823	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	55793	19.932	ug/l	99
36) 1,1-Dichloropropene	7.911	75	40751	19.989	ug/l	98
37) Ethyl Acetate	7.076	43	39115	20.584	ug/l	97
38) Carbon Tetrachloride	7.899	117	47241	19.580	ug/l	95
39) Methylcyclohexane	9.179	83	43943	19.228	ug/l	95
40) Benzene	8.161	78	123401	20.021	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015187.D
 Acq On : 18 Aug 2023 11:36
 Operator : SY/MD
 Sample : VY0818SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 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 23:06:14 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	7.307	41	20414m	20.833	ug/l	
42) 1,2-Dichloroethane	8.234	62	45877	20.495	ug/l	94
43) Isopropyl Acetate	8.271	43	69148	19.982	ug/l	98
44) Trichloroethene	8.941	130	35478	19.980	ug/l	96
45) 1,2-Dichloropropane	9.215	63	35193	20.249	ug/l	100
46) Dibromomethane	9.307	93	21958	20.031	ug/l	96
47) Bromodichloromethane	9.496	83	53268	20.364	ug/l	97
48) Methyl methacrylate	9.295	41	30760	20.779	ug/l	95
49) 1,4-Dioxane	9.301	88	9023	411.635	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	205347	102.389	ug/l	95
52) Toluene	10.246	92	78956	19.435	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	52385	19.056	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	57298	19.791	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	33521	20.111	ug/l	99
56) Ethyl methacrylate	10.508	69	47286	19.385	ug/l	92
57) 1,3-Dichloropropane	10.788	76	55452	20.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	119618	105.373	ug/l	94
59) 2-Hexanone	10.831	43	153392	103.341	ug/l	94
60) Dibromochloromethane	10.983	129	39260	19.746	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31597	19.955	ug/l	99
64) Tetrachloroethene	10.721	164	36468	20.596	ug/l	96
65) Chlorobenzene	11.514	112	93890	20.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37716	20.074	ug/l	100
67) Ethyl Benzene	11.593	91	162447	20.023	ug/l	98
68) m/p-Xylenes	11.703	106	122473	39.746	ug/l	96
69) o-Xylene	12.026	106	60753	19.792	ug/l	99
70) Styrene	12.044	104	105762	19.907	ug/l	97
71) Bromoform	12.209	173	25745	18.902	ug/l #	97
73) Isopropylbenzene	12.331	105	164909	19.622	ug/l	99
74) N-amyl acetate	12.142	43	59150	19.493	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	44208	20.197	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	34906m	21.983	ug/l	
77) Bromobenzene	12.605	156	41159	20.091	ug/l	98
78) n-propylbenzene	12.672	91	200303	20.070	ug/l	100
79) 2-Chlorotoluene	12.751	91	114220	19.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	139708	19.942	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13306	18.406	ug/l	97
82) 4-Chlorotoluene	12.855	91	119082	20.020	ug/l	100
83) tert-Butylbenzene	13.075	119	125720	19.620	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	139306	19.900	ug/l	98
85) sec-Butylbenzene	13.251	105	188586	20.086	ug/l	100
86) p-Isopropyltoluene	13.367	119	156016	20.043	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	81072	19.952	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	82197	20.169	ug/l	98
89) n-Butylbenzene	13.696	91	149430	20.360	ug/l	97
90) Hexachloroethane	13.959	117	29222	18.923	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	76796	20.232	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8199	19.336	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	48362	19.846	ug/l	99
94) Hexachlorobutadiene	15.111	225	26921	20.309	ug/l	97
95) Naphthalene	15.239	128	114384	18.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43796	19.900	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015187.D
Acq On : 18 Aug 2023 11:36
Operator : SY/MD
Sample : VY0818SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0818SBSD01

Manual Integrations
APPROVED

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

Quant Time: Aug 18 23:06:14 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

