

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011762.D
 Acq On : 12 Dec 2022 11:48
 Operator : KP/MD
 Sample : VY1212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73414	47.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.700%		
35) Dibromofluoromethane	7.716	113	75110	49.025	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.040%		
50) Toluene-d8	10.179	98	239435	47.395	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.780%		
62) 4-Bromofluorobenzene	12.483	95	96929	48.412	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30151	27.285	ug/l	97
3) Chloromethane	2.113	50	30166	22.933	ug/l	97
4) Vinyl Chloride	2.253	62	34748	22.168	ug/l	96
5) Bromomethane	2.644	94	24218	22.944	ug/l	97
6) Chloroethane	2.790	64	23350	21.035	ug/l	98
7) Trichlorofluoromethane	3.125	101	64212	20.867	ug/l	99
8) Diethyl Ether	3.528	74	20953	19.439	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	37055	20.172	ug/l	99
10) Methyl Iodide	4.095	142	41665	19.372	ug/l	97
11) Tert butyl alcohol	4.948	59	22530	98.155	ug/l	100
12) 1,1-Dichloroethene	3.875	96	33585	20.272	ug/l	99
13) Acrolein	3.729	56	30856	97.778	ug/l	99
14) Allyl chloride	4.479	41	51027	18.542	ug/l	96
15) Acrylonitrile	5.161	53	57450	99.302	ug/l	99
16) Acetone	3.948	43	56329	92.154	ug/l	95
17) Carbon Disulfide	4.192	76	78356	20.710	ug/l	98
18) Methyl Acetate	4.472	43	33104	21.749	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	103236	19.902	ug/l	99
20) Methylene Chloride	4.716	84	53233	21.065	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	38001	20.408	ug/l	94
22) Diisopropyl ether	6.119	45	121441	20.226	ug/l	99
23) Vinyl Acetate	6.064	43	342220	99.910	ug/l	99
24) 1,1-Dichloroethane	6.021	63	72732	19.935	ug/l	99
25) 2-Butanone	6.984	43	76771	97.642	ug/l	100
26) 2,2-Dichloropropane	6.984	77	68482	19.950	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	45278	19.896	ug/l	98
28) Bromochloromethane	7.338	49	26062	19.621	ug/l	98
29) Tetrahydrofuran	7.350	42	44807	100.124	ug/l	99
30) Chloroform	7.509	83	78750	20.189	ug/l	97
31) Cyclohexane	7.789	56	57601	20.271	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	70940	20.393	ug/l	100
36) 1,1-Dichloropropene	7.917	75	54506	20.862	ug/l	100
37) Ethyl Acetate	7.082	43	30834	20.186	ug/l	98
38) Carbon Tetrachloride	7.905	117	65633	21.385	ug/l	96
39) Methylcyclohexane	9.185	83	61246	20.833	ug/l	99
40) Benzene	8.161	78	161898	20.742	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011762.D
 Acq On : 12 Dec 2022 11:48
 Operator : KP/MD
 Sample : VY1212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	14776m	19.162	ug/l	
42) 1,2-Dichloroethane	8.240	62	50413	20.886	ug/l	100
43) Isopropyl Acetate	8.277	43	56219	20.297	ug/l	100
44) Trichloroethene	8.941	130	45042	20.605	ug/l	99
45) 1,2-Dichloropropane	9.216	63	40847	20.219	ug/l	100
46) Dibromomethane	9.307	93	23083	20.412	ug/l	98
47) Bromodichloromethane	9.496	83	58857	20.146	ug/l	97
48) Methyl methacrylate	9.295	41	24511	20.076	ug/l	99
49) 1,4-Dioxane	9.301	88	6361	406.039	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	154259	101.075	ug/l	100
52) Toluene	10.246	92	104088	20.977	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	59725	20.467	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	66498	20.282	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	34354	20.554	ug/l	98
56) Ethyl methacrylate	10.508	69	43915	20.353	ug/l	99
57) 1,3-Dichloropropane	10.788	76	57106	20.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	105012	104.961	ug/l	100
59) 2-Hexanone	10.831	43	108509	99.509	ug/l	99
60) Dibromochloromethane	10.983	129	43764	20.906	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30596	20.206	ug/l	98
64) Tetrachloroethene	10.721	164	45200	20.428	ug/l	96
65) Chlorobenzene	11.514	112	114199	20.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	44577	20.392	ug/l	100
67) Ethyl Benzene	11.593	91	201326	20.277	ug/l	98
68) m/p-Xylenes	11.703	106	155186	40.813	ug/l	99
69) o-Xylene	12.032	106	73114	20.173	ug/l	99
70) Styrene	12.044	104	126611	20.468	ug/l	99
71) Bromoform	12.209	173	27580	20.455	ug/l #	100
73) Isopropylbenzene	12.331	105	202996	20.308	ug/l	100
74) N-amyl acetate	12.142	43	46722	19.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	39767	20.428	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	31500m	20.181	ug/l	
77) Bromobenzene	12.611	156	47639	20.412	ug/l	99
78) n-propylbenzene	12.672	91	243426	20.321	ug/l	99
79) 2-Chlorotoluene	12.758	91	137833	20.161	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	172678	20.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13647	19.840	ug/l	99
82) 4-Chlorotoluene	12.855	91	141022	19.888	ug/l	99
83) tert-Butylbenzene	13.075	119	148664	20.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	170386	20.482	ug/l	99
85) sec-Butylbenzene	13.251	105	222419	20.301	ug/l	99
86) p-Isopropyltoluene	13.373	119	185384	20.330	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94290	20.076	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93847	20.105	ug/l	99
89) n-Butylbenzene	13.696	91	165759	19.996	ug/l	99
90) Hexachloroethane	13.959	117	36399	20.088	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	85636	20.262	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6442	18.981	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	47110	19.111	ug/l	99
94) Hexachlorobutadiene	15.111	225	30789	19.658	ug/l	99
95) Naphthalene	15.239	128	89656	18.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	40828	19.175	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
Data File : VY011762.D
Acq On : 12 Dec 2022 11:48
Operator : KP/MD
Sample : VY1212SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:10:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
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\VY121222\
 Data File : VY011762.D
 Acq On : 12 Dec 2022 11:48
 Operator : KP/MD
 Sample : VY1212SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 12 12:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

