

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020482.D
 Acq On : 02 Dec 2024 13:49
 Operator : SY/MD
 Sample : VY1202SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBSD01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 02 14:55:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	152704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	237507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	195658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	91267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	83680	53.882	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.760%			
35) Dibromofluoromethane	7.646	113	80114	53.580	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.160%			
50) Toluene-d8	10.115	98	309889	54.428	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.860%			
62) 4-Bromofluorobenzene	12.414	95	105083	52.771	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	28636	19.225	ug/l	97
3) Chloromethane	2.080	50	29095	19.292	ug/l	98
4) Vinyl Chloride	2.214	62	30158	19.612	ug/l	99
5) Bromomethane	2.604	94	18258	20.237	ug/l	97
6) Chloroethane	2.751	64	19207	20.380	ug/l	100
7) Trichlorofluoromethane	3.074	101	60095	20.867	ug/l	97
8) Diethyl Ether	3.464	74	17288	21.186	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.836	101	34822	20.751	ug/l	97
10) Methyl Iodide	4.019	142	38694	20.541	ug/l	95
11) Tert butyl alcohol	4.872	59	12028	119.392	ug/l	97
12) 1,1-Dichloroethene	3.806	96	32362	20.415	ug/l	98
13) Acrolein	3.671	56	10955	116.144	ug/l	97
14) Allyl chloride	4.403	41	59033	20.880	ug/l	96
15) Acrylonitrile	5.074	53	38829	114.206	ug/l	99
16) Acetone	3.885	43	37392	96.831	ug/l	98
17) Carbon Disulfide	4.123	76	84926	18.719	ug/l	99
18) Methyl Acetate	4.403	43	18506	22.548	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	89868	22.199	ug/l	91
20) Methylene Chloride	4.635	84	35731	21.752	ug/l	91
21) trans-1,2-Dichloroethene	5.135	96	36771	20.885	ug/l	96
22) Diisopropyl ether	6.031	45	124017	22.059	ug/l	99
23) Vinyl Acetate	5.976	43	326117	109.669	ug/l	97
24) 1,1-Dichloroethane	5.933	63	71907	21.245	ug/l	98
25) 2-Butanone	6.909	43	52722	108.122	ug/l	92
26) 2,2-Dichloropropane	6.903	77	68528	21.406	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	43651	21.232	ug/l	99
28) Bromochloromethane	7.262	49	24845	19.657	ug/l	98
29) Tetrahydrofuran	7.281	42	30948	111.252	ug/l	98
30) Chloroform	7.433	83	75287	21.673	ug/l	98
31) Cyclohexane	7.713	56	61489	20.095	ug/l #	91
32) 1,1,1-Trichloroethane	7.628	97	72180	21.579	ug/l	97
36) 1,1-Dichloropropene	7.847	75	52825	20.921	ug/l	98
37) Ethyl Acetate	7.000	43	22696	22.688	ug/l	98
38) Carbon Tetrachloride	7.829	117	65557	21.754	ug/l	98
39) Methylcyclohexane	9.116	83	67730	21.617	ug/l	99
40) Benzene	8.091	78	160360	21.540	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	11277	19.830	ug/l #	86
42) 1,2-Dichloroethane	8.171	62	43844	22.413	ug/l	99
43) Isopropyl Acetate	8.207	43	45883	22.715	ug/l	97
44) Trichloroethene	8.872	130	40196	21.902	ug/l	97
45) 1,2-Dichloropropane	9.152	63	38507	22.104	ug/l	99
46) Dibromomethane	9.237	93	19165	22.219	ug/l	98
47) Bromodichloromethane	9.433	83	55616	21.885	ug/l #	98
48) Methyl methacrylate	9.225	41	21608	22.940	ug/l	95
49) 1,4-Dioxane	9.244	88	3701	448.887	ug/l #	91
51) 4-Methyl-2-Pentanone	10.006	43	115048	115.329	ug/l	99
52) Toluene	10.176	92	102521	22.072	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	50019	21.923	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	59672	22.130	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	26089	22.674	ug/l	96
56) Ethyl methacrylate	10.445	69	37037	22.749	ug/l	94
57) 1,3-Dichloropropane	10.725	76	46988	22.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	78075	102.424	ug/l	97
59) 2-Hexanone	10.768	43	80164	111.393	ug/l	97
60) Dibromochloromethane	10.920	129	35294	22.032	ug/l	96
61) 1,2-Dibromoethane	11.018	107	23755	22.576	ug/l	98
64) Tetrachloroethene	10.652	164	35499	21.472	ug/l	99
65) Chlorobenzene	11.450	112	108869	22.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	38903	22.368	ug/l	99
67) Ethyl Benzene	11.524	91	201800	21.952	ug/l	99
68) m/p-Xylenes	11.633	106	148767	44.196	ug/l	98
69) o-Xylene	11.963	106	69025	21.888	ug/l	98
70) Styrene	11.975	104	115458	21.945	ug/l	99
71) Bromoform	12.139	173	20057	22.682	ug/l #	99
73) Isopropylbenzene	12.261	105	195091	22.093	ug/l	99
74) N-amyl acetate	12.078	43	38081	22.002	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	28793	22.673	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	21937m	23.595	ug/l	
77) Bromobenzene	12.536	156	39826	21.778	ug/l	99
78) n-propylbenzene	12.603	91	234124	22.393	ug/l	99
79) 2-Chlorotoluene	12.688	91	128416	21.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	158193	22.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9934	21.924	ug/l	97
82) 4-Chlorotoluene	12.786	91	134845	22.398	ug/l	99
83) tert-Butylbenzene	13.005	119	144335	22.560	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	154419	22.451	ug/l	99
85) sec-Butylbenzene	13.182	105	208002	22.685	ug/l	100
86) p-Isopropyltoluene	13.298	119	172482	22.764	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	79098	22.428	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	78042	22.604	ug/l	99
89) n-Butylbenzene	13.627	91	160949	22.903	ug/l	99
90) Hexachloroethane	13.889	117	32061	21.712	ug/l	94
91) 1,2-Dichlorobenzene	13.664	146	67236	22.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4360	22.679	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	37243	22.145	ug/l	99
94) Hexachlorobutadiene	15.029	225	26114	22.196	ug/l	98
95) Naphthalene	15.151	128	59982	22.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	29661	21.857	ug/l	100

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

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