

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020376.D
 Acq On : 21 Nov 2024 11:02
 Operator : SY/MD
 Sample : VY1121SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBSD01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 13:56:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	168644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	280583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	238249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109149	56.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.660%
35) Dibromofluoromethane	7.640	113	95451	53.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.109	98	374478	52.838	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.407	95	125801	55.216	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	110.440%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	38936	23.786	ug/l	99
3) Chloromethane	2.074	50	38975	14.941	ug/l	99
4) Vinyl Chloride	2.208	62	37620	16.752	ug/l	95
5) Bromomethane	2.598	94	21438	19.114	ug/l	91
6) Chloroethane	2.739	64	23307	17.791	ug/l	97
7) Trichlorofluoromethane	3.068	101	65889	21.113	ug/l	99
8) Diethyl Ether	3.458	74	20464	20.783	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	35996	19.368	ug/l	97
10) Methyl Iodide	4.007	142	47884	19.235	ug/l	91
11) Tert butyl alcohol	4.872	59	14135	93.578	ug/l	98
12) 1,1-Dichloroethene	3.793	96	36398	19.785	ug/l	98
13) Acrolein	3.659	56	16878	140.680	ug/l	97
14) Allyl chloride	4.385	41	68872	19.360	ug/l	95
15) Acrylonitrile	5.067	53	43291	99.459	ug/l	97
16) Acetone	3.872	43	44344	95.470	ug/l	100
17) Carbon Disulfide	4.110	76	117350	18.934	ug/l	99
18) Methyl Acetate	4.391	43	20544	18.975	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	100468	21.023	ug/l	99
20) Methylene Chloride	4.622	84	40132	20.403	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	39892	19.523	ug/l	86
22) Diisopropyl ether	6.024	45	141471	20.179	ug/l	98
23) Vinyl Acetate	5.964	43	393377	100.406	ug/l	99
24) 1,1-Dichloroethane	5.921	63	78372	19.802	ug/l	99
25) 2-Butanone	6.902	43	63648	106.440	ug/l	97
26) 2,2-Dichloropropane	6.890	77	69713	21.311	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	46613	20.712	ug/l	97
28) Bromochloromethane	7.250	49	29738	17.853	ug/l	99
29) Tetrahydrofuran	7.268	42	37235	104.185	ug/l	99
30) Chloroform	7.427	83	79341	20.760	ug/l	98
31) Cyclohexane	7.707	56	70124	19.415	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	73140	21.795	ug/l	99
36) 1,1-Dichloropropene	7.835	75	57487	20.920	ug/l	99
37) Ethyl Acetate	6.988	43	26683	21.196	ug/l	99
38) Carbon Tetrachloride	7.817	117	66429	23.153	ug/l	92
39) Methylcyclohexane	9.109	83	70241	20.424	ug/l	97
40) Benzene	8.085	78	176015	21.857	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14488	20.227	ug/l	96
42) 1,2-Dichloroethane	8.158	62	50126	23.060	ug/l	99
43) Isopropyl Acetate	8.201	43	53927	22.028	ug/l #	86
44) Trichloroethene	8.865	130	40165	21.050	ug/l	96
45) 1,2-Dichloropropane	9.146	63	40575	21.118	ug/l	98
46) Dibromomethane	9.231	93	21203	21.530	ug/l	99
47) Bromodichloromethane	9.420	83	58718	21.599	ug/l	97
48) Methyl methacrylate	9.225	41	25163	21.499	ug/l	96
49) 1,4-Dioxane	9.231	88	4576	451.656	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	134437	108.211	ug/l	98
52) Toluene	10.170	92	107310	21.801	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	54196	21.082	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	64670	21.975	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	26999	20.654	ug/l	98
56) Ethyl methacrylate	10.438	69	40228	20.492	ug/l	97
57) 1,3-Dichloropropane	10.719	76	51078	21.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	93264	100.191	ug/l	99
59) 2-Hexanone	10.761	43	95820	108.921	ug/l	99
60) Dibromochloromethane	10.914	129	37704	22.377	ug/l	100
61) 1,2-Dibromoethane	11.018	107	25357	20.933	ug/l	99
64) Tetrachloroethene	10.646	164	35871	20.887	ug/l	93
65) Chlorobenzene	11.444	112	111103	20.915	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	37985	21.405	ug/l	98
67) Ethyl Benzene	11.517	91	207216	21.144	ug/l	99
68) m/p-Xylenes	11.627	106	151238	42.844	ug/l	97
69) o-Xylene	11.956	106	71860	21.463	ug/l	97
70) Styrene	11.969	104	122933	22.099	ug/l	99
71) Bromoform	12.133	173	20516	22.183	ug/l #	99
73) Isopropylbenzene	12.255	105	194695	20.421	ug/l	100
74) N-amyl acetate	12.072	43	47073	20.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	30417	19.740	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	20234m	19.074	ug/l	
77) Bromobenzene	12.536	156	41494	20.772	ug/l	98
78) n-propylbenzene	12.596	91	234844	20.524	ug/l	100
79) 2-Chlorotoluene	12.682	91	133978	20.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	159056	20.642	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	11345	20.956	ug/l	96
82) 4-Chlorotoluene	12.779	91	137917	20.312	ug/l	98
83) tert-Butylbenzene	12.999	119	139104	20.457	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	157416	20.606	ug/l	100
85) sec-Butylbenzene	13.176	105	205536	19.173	ug/l	99
86) p-Isopropyltoluene	13.291	119	168630	20.345	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	80241	19.867	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	78947	20.458	ug/l	98
89) n-Butylbenzene	13.621	91	157920	19.896	ug/l	99
90) Hexachloroethane	13.883	117	31925	19.956	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	69870	20.763	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5113	20.221	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	40599	19.953	ug/l	99
94) Hexachlorobutadiene	15.029	225	25677	20.674	ug/l	98
95) Naphthalene	15.151	128	71167	20.309	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	33813	19.436	ug/l	97

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

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