

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020592.D
 Acq On : 12 Dec 2024 11:24
 Operator : SY/MD
 Sample : VY1212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 05:39:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	169702	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	264760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	223550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	110348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	89564	51.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.780%			
35) Dibromofluoromethane	7.640	113	89210	53.522	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.040%			
50) Toluene-d8	10.109	98	330523	52.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.408	95	115278	51.932	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	29928	18.080	ug/l	92
3) Chloromethane	2.074	50	32239	19.235	ug/l	98
4) Vinyl Chloride	2.208	62	34562	20.225	ug/l	100
5) Bromomethane	2.592	94	19269	19.218	ug/l	96
6) Chloroethane	2.739	64	22047	21.050	ug/l	93
7) Trichlorofluoromethane	3.062	101	62747	19.605	ug/l	98
8) Diethyl Ether	3.458	74	19702	21.726	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	40992	21.981	ug/l	97
10) Methyl Iodide	4.007	142	39688	18.958	ug/l	98
11) Tert butyl alcohol	4.866	59	15675	140.008	ug/l	98
12) 1,1-Dichloroethene	3.793	96	35495	20.149	ug/l	98
13) Acrolein	3.653	56	11425	108.994	ug/l	96
14) Allyl chloride	4.391	41	67548	21.499	ug/l	93
15) Acrylonitrile	5.055	53	48156	127.452	ug/l	99
16) Acetone	3.866	43	52771	122.969	ug/l	98
17) Carbon Disulfide	4.110	76	79764	15.820	ug/l	100
18) Methyl Acetate	4.385	43	23945	26.252	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	103748	23.061	ug/l	99
20) Methylene Chloride	4.622	84	40181	22.010	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	38908	19.885	ug/l	95
22) Diisopropyl ether	6.019	45	148198	23.720	ug/l	97
23) Vinyl Acetate	5.964	43	392919	118.899	ug/l	100
24) 1,1-Dichloroethane	5.921	63	83301	22.146	ug/l	98
25) 2-Butanone	6.896	43	69838	128.878	ug/l	99
26) 2,2-Dichloropropane	6.884	77	75372	21.186	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	49771	21.784	ug/l	98
28) Bromochloromethane	7.244	49	26431	18.817	ug/l	96
29) Tetrahydrofuran	7.262	42	39791	128.714	ug/l	99
30) Chloroform	7.421	83	85513	22.151	ug/l	97
31) Cyclohexane	7.701	56	64191	18.877	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	78442	21.102	ug/l	97
36) 1,1-Dichloropropene	7.841	75	57989	20.602	ug/l	99
37) Ethyl Acetate	6.988	43	29115	26.109	ug/l	98
38) Carbon Tetrachloride	7.823	117	68230	20.310	ug/l	94
39) Methylcyclohexane	9.109	83	70229	20.107	ug/l	98
40) Benzene	8.079	78	176742	21.297	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	16001	25.241	ug/l	99
42) 1,2-Dichloroethane	8.158	62	48787	22.373	ug/l	100
43) Isopropyl Acetate	8.195	43	55548	24.669	ug/l	99
44) Trichloroethene	8.866	130	44135	21.573	ug/l	99
45) 1,2-Dichloropropane	9.146	63	44226	22.773	ug/l	100
46) Dibromomethane	9.231	93	22380	23.275	ug/l	97
47) Bromodichloromethane	9.426	83	64124	22.635	ug/l	100
48) Methyl methacrylate	9.219	41	25080	23.885	ug/l	97
49) 1,4-Dioxane	9.225	88	4966	540.317	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	145377	130.731	ug/l	100
52) Toluene	10.170	92	110456	21.332	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	57785	22.720	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	68123	22.664	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	30770	23.989	ug/l	97
56) Ethyl methacrylate	10.438	69	43347	23.884	ug/l	95
57) 1,3-Dichloropropane	10.719	76	54912	23.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	89540	105.374	ug/l	99
59) 2-Hexanone	10.762	43	104110	129.776	ug/l	98
60) Dibromochloromethane	10.914	129	41763	23.387	ug/l	98
61) 1,2-Dibromoethane	11.018	107	27481	23.429	ug/l	98
64) Tetrachloroethene	10.646	164	38287	20.269	ug/l	97
65) Chlorobenzene	11.444	112	120863	21.570	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	44224	22.254	ug/l	99
67) Ethyl Benzene	11.518	91	222710	21.204	ug/l	99
68) m/p-Xylenes	11.627	106	163593	42.536	ug/l	99
69) o-Xylene	11.956	106	77161	21.416	ug/l	99
70) Styrene	11.969	104	130788	21.757	ug/l	100
71) Bromoform	12.133	173	24132	23.885	ug/l #	99
73) Isopropylbenzene	12.255	105	218138	20.431	ug/l	98
74) N-amyl acetate	12.072	43	47066	22.491	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	36635	23.860	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	24304m	21.621	ug/l	
77) Bromobenzene	12.536	156	46062	20.833	ug/l	99
78) n-propylbenzene	12.597	91	263133	20.816	ug/l	99
79) 2-Chlorotoluene	12.682	91	150252	21.064	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	179642	20.996	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12344	22.532	ug/l	96
82) 4-Chlorotoluene	12.780	91	154586	21.237	ug/l	100
83) tert-Butylbenzene	12.999	119	160726	20.778	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	175449	21.097	ug/l	100
85) sec-Butylbenzene	13.182	105	238977	21.557	ug/l	100
86) p-Isopropyltoluene	13.292	119	196727	21.474	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	93905	22.022	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	92659	22.197	ug/l	100
89) n-Butylbenzene	13.621	91	187617	22.081	ug/l	99
90) Hexachloroethane	13.883	117	38786	21.725	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	81817	22.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5702	24.531	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	47590	23.404	ug/l	98
94) Hexachlorobutadiene	15.029	225	32246	22.668	ug/l	99
95) Naphthalene	15.151	128	75275	22.877	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	38701	23.588	ug/l	99

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

