

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016966.D
 Acq On : 10 Jan 2024 12:07
 Operator : SY/MD
 Sample : VY0110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2024
 Supervised By :Semsettin Yesilyurt 01/11/2024

Quant Time: Jan 11 00:10:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	115859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	195254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59396	51.869	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.740%			
35) Dibromofluoromethane	7.734	113	63763	51.247	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.500%			
50) Toluene-d8	10.191	98	227807	53.170	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.340%			
62) 4-Bromofluorobenzene	12.489	95	74715	51.686	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19515	20.465	ug/l	99
3) Chloromethane	2.125	50	28083	20.634	ug/l	99
4) Vinyl Chloride	2.259	62	35710	22.244	ug/l	96
5) Bromomethane	2.656	94	24989	21.728	ug/l	93
6) Chloroethane	2.808	64	23780	21.898	ug/l	99
7) Trichlorofluoromethane	3.137	101	43017	21.747	ug/l	100
8) Diethyl Ether	3.540	74	13587	21.493	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	28129	21.871	ug/l	99
10) Methyl Iodide	4.107	142	22047	20.149	ug/l	99
11) Tert butyl alcohol	4.966	59	10335	104.777	ug/l	99
12) 1,1-Dichloroethene	3.887	96	23715	21.490	ug/l	97
13) Acrolein	3.741	56	13636	104.623	ug/l	97
14) Allyl chloride	4.497	41	37278	21.368	ug/l	99
15) Acrylonitrile	5.180	53	31729	107.307	ug/l	98
16) Acetone	3.954	43	41710	136.866	ug/l	94
17) Carbon Disulfide	4.216	76	47699	18.090	ug/l	98
18) Methyl Acetate	4.497	43	23322	19.010	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	62528	21.780	ug/l	96
20) Methylene Chloride	4.735	84	40699	23.152	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	26065	20.623	ug/l	98
22) Diisopropyl ether	6.137	45	88299	21.893	ug/l	99
23) Vinyl Acetate	6.082	43	205903	111.341	ug/l	99
24) 1,1-Dichloroethane	6.033	63	53100	21.909	ug/l	99
25) 2-Butanone	7.003	43	49887	122.724	ug/l	98
26) 2,2-Dichloropropane	7.003	77	46457	22.107	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	32219	21.747	ug/l	96
28) Bromochloromethane	7.350	49	19792	21.752	ug/l	99
29) Tetrahydrofuran	7.368	42	24107	104.015	ug/l	98
30) Chloroform	7.521	83	55646	22.280	ug/l	100
31) Cyclohexane	7.801	56	39107	19.898	ug/l #	94
32) 1,1,1-Trichloroethane	7.722	97	46475	21.946	ug/l	97
36) 1,1-Dichloropropene	7.935	75	38942	21.476	ug/l	100
37) Ethyl Acetate	7.088	43	17384	21.096	ug/l	99
38) Carbon Tetrachloride	7.917	117	40259	21.853	ug/l	99
39) Methylcyclohexane	9.197	83	42117	20.661	ug/l	96
40) Benzene	8.179	78	116434	21.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	7684	17.706	ug/l #	75
42) 1,2-Dichloroethane	8.252	62	31735	21.976	ug/l	98
43) Isopropyl Acetate	8.289	43	33178	21.025	ug/l	99
44) Trichloroethene	8.953	130	29740	21.487	ug/l	97
45) 1,2-Dichloropropane	9.228	63	30343	21.653	ug/l	100
46) Dibromomethane	9.319	93	15264	21.358	ug/l	99
47) Bromodichloromethane	9.508	83	41831	21.796	ug/l	97
48) Methyl methacrylate	9.307	41	17453	20.494	ug/l	96
49) 1,4-Dioxane	9.313	88	3107	419.862	ug/l	90
51) 4-Methyl-2-Pentanone	10.081	43	90434	107.760	ug/l	100
52) Toluene	10.258	92	72425	22.062	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	37050	21.553	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	45089	21.841	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	22683	21.725	ug/l	96
56) Ethyl methacrylate	10.520	69	18876	21.344	ug/l	100
57) 1,3-Dichloropropane	10.801	76	37452	21.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	46355	94.926	ug/l	99
59) 2-Hexanone	10.843	43	69763	112.896	ug/l	99
60) Dibromochloromethane	10.996	129	25809	21.435	ug/l	97
61) 1,2-Dibromoethane	11.099	107	19705	21.722	ug/l	99
64) Tetrachloroethene	10.734	164	23309	21.725	ug/l	98
65) Chlorobenzene	11.526	112	75319	21.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	29456	22.476	ug/l	99
67) Ethyl Benzene	11.605	91	136363	21.970	ug/l	99
68) m/p-Xylenes	11.715	106	101631	44.610	ug/l	99
69) o-Xylene	12.038	106	46572	21.806	ug/l	98
70) Styrene	12.056	104	68627	22.077	ug/l	98
71) Bromoform	12.221	173	14039	21.760	ug/l #	100
73) Isopropylbenzene	12.343	105	132066	22.588	ug/l	99
74) N-amyl acetate	12.154	43	26748	22.770	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	25738	21.605	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	16529m	21.274	ug/l	
77) Bromobenzene	12.617	156	28049	21.789	ug/l	99
78) n-propylbenzene	12.678	91	161610	22.737	ug/l	99
79) 2-Chlorotoluene	12.770	91	88012	22.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	104730	22.649	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7047	20.595	ug/l	98
82) 4-Chlorotoluene	12.867	91	91272	22.666	ug/l	99
83) tert-Butylbenzene	13.087	119	95108	23.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	104240	22.891	ug/l	98
85) sec-Butylbenzene	13.264	105	138344	22.924	ug/l	100
86) p-Isopropyltoluene	13.379	119	113868	22.863	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	55685	22.057	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	54718	22.160	ug/l	99
89) n-Butylbenzene	13.709	91	110876	23.154	ug/l	99
90) Hexachloroethane	13.971	117	24071	22.491	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	48122	22.056	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3118	20.872	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	24310	22.438	ug/l	98
94) Hexachlorobutadiene	15.123	225	15312	22.561	ug/l	98
95) Naphthalene	15.245	128	40550	22.207	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	20013	21.755	ug/l	99

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

