

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020159.D
 Acq On : 05 Nov 2024 12:10
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/06/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 06 00:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	231281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	424025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137348	47.582	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	95.160%	
35) Dibromofluoromethane	7.634	113	124127	46.042	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	92.080%	
50) Toluene-d8	10.103	98	480918	44.815	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	89.640%	
62) 4-Bromofluorobenzene	12.401	95	155174	44.519	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	89.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	42407	19.808	ug/l	99
3) Chloromethane	2.068	50	70530	19.889	ug/l	98
4) Vinyl Chloride	2.202	62	73706	19.361	ug/l	98
5) Bromomethane	2.592	94	52074	20.603	ug/l	94
6) Chloroethane	2.732	64	49975	20.340	ug/l	94
7) Trichlorofluoromethane	3.056	101	92770	19.947	ug/l	96
8) Diethyl Ether	3.458	74	27150	20.931	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.812	101	50376	19.312	ug/l	90
10) Methyl Iodide	4.007	142	48922	19.425	ug/l #	89
11) Tert butyl alcohol	4.866	59	24500	117.998	ug/l	99
12) 1,1-Dichloroethene	3.787	96	48168	19.300	ug/l #	73
13) Acrolein	3.647	56	22159	85.733	ug/l	90
14) Allyl chloride	4.378	41	89531	19.883	ug/l #	89
15) Acrylonitrile	5.055	53	60173	101.910	ug/l	96
16) Acetone	3.872	43	63982	95.314	ug/l	91
17) Carbon Disulfide	4.104	76	157282	18.936	ug/l	99
18) Methyl Acetate	4.385	43	33241	21.105	ug/l #	89
19) Methyl tert-butyl Ether	5.116	73	126766	20.189	ug/l	93
20) Methylene Chloride	4.616	84	55579	18.431	ug/l #	86
21) trans-1,2-Dichloroethene	5.122	96	53644	19.058	ug/l	89
22) Diisopropyl ether	6.018	45	193308	20.687	ug/l #	87
23) Vinyl Acetate	5.964	43	532670	101.292	ug/l #	90
24) 1,1-Dichloroethane	5.915	63	108132	19.985	ug/l #	93
25) 2-Butanone	6.890	43	91845	100.935	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	83115	18.462	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	63056	19.488	ug/l	81
28) Bromochloromethane	7.244	49	47097	18.589	ug/l #	71
29) Tetrahydrofuran	7.262	42	55582	105.844	ug/l #	79
30) Chloroform	7.421	83	106708	19.874	ug/l	98
31) Cyclohexane	7.701	56	96609	18.443	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	91915	19.608	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	76079	18.268	ug/l	95
37) Ethyl Acetate	6.988	43	39516	19.902	ug/l #	94
38) Carbon Tetrachloride	7.817	117	77581	18.525	ug/l	94
39) Methylcyclohexane	9.109	83	95283	18.027	ug/l	91
40) Benzene	8.079	78	237409	19.531	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	19218	19.322	ug/l	88
42) 1,2-Dichloroethane	8.158	62	65587	19.493	ug/l	94
43) Isopropyl Acetate	8.195	43	75633	19.809	ug/l #	89
44) Trichloroethene	8.866	130	52221	18.536	ug/l	87
45) 1,2-Dichloropropane	9.140	63	57053	19.617	ug/l	99
46) Dibromomethane	9.231	93	31143	19.763	ug/l #	88
47) Bromodichloromethane	9.420	83	81955	19.852	ug/l	99
48) Methyl methacrylate	9.219	41	35555	20.104	ug/l #	78
49) 1,4-Dioxane	9.225	88	7492	461.782	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	198054	100.670	ug/l	87
52) Toluene	10.170	92	148195	19.778	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	67400	18.489	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	84246	19.362	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	39622	20.222	ug/l	95
56) Ethyl methacrylate	10.438	69	55554	19.766	ug/l #	70
57) 1,3-Dichloropropane	10.713	76	71364	19.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	143642	103.631	ug/l	91
59) 2-Hexanone	10.762	43	137599	97.557	ug/l	85
60) Dibromochloromethane	10.908	129	49519	19.827	ug/l	96
61) 1,2-Dibromoethane	11.011	107	35874	19.707	ug/l	98
64) Tetrachloroethene	10.646	164	46858	19.530	ug/l	89
65) Chlorobenzene	11.438	112	150772	19.472	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.511	131	48678	19.677	ug/l	98
67) Ethyl Benzene	11.517	91	278187	19.220	ug/l	99
68) m/p-Xylenes	11.627	106	201928	38.132	ug/l	90
69) o-Xylene	11.950	106	96024	19.153	ug/l	89
70) Styrene	11.969	104	162551	19.609	ug/l	95
71) Bromoform	12.127	173	24511	19.314	ug/l #	99
73) Isopropylbenzene	12.255	105	257403	18.965	ug/l	98
74) N-amyl acetate	12.072	43	66373	19.563	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	46384	19.541	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	31991m	20.087	ug/l	
77) Bromobenzene	12.529	156	53470	19.480	ug/l	81
78) n-propylbenzene	12.590	91	320923	18.999	ug/l	95
79) 2-Chlorotoluene	12.676	91	181651	19.373	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	208430	19.128	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	14036	18.957	ug/l #	84
82) 4-Chlorotoluene	12.773	91	184994	19.351	ug/l	94
83) tert-Butylbenzene	12.993	119	185791	19.499	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	207499	19.226	ug/l	96
85) sec-Butylbenzene	13.176	105	279770	19.127	ug/l	96
86) p-Isopropyltoluene	13.292	119	220129	18.754	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	107907	19.351	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	107367	19.335	ug/l	96
89) n-Butylbenzene	13.615	91	216913	18.435	ug/l	98
90) Hexachloroethane	13.877	117	43247	18.630	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	94806	19.560	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6976	19.379	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	48080	18.466	ug/l	97
94) Hexachlorobutadiene	15.023	225	25694	18.046	ug/l	97
95) Naphthalene	15.145	128	88270	18.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	40908	18.509	ug/l	96

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

