

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020031.D
 Acq On : 28 Oct 2024 10:40
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 01:53:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	208423	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.621	114	369952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	306417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	143516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	134056	52.237	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.480%			
35) Dibromofluoromethane	7.646	113	134145	54.949	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.900%			
50) Toluene-d8	10.115	98	484561	53.749	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.413	95	170868	52.454	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 104.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	32741	16.875	ug/l	95
3) Chloromethane	2.080	50	40405	16.000	ug/l	97
4) Vinyl Chloride	2.214	62	49378	17.769	ug/l	99
5) Bromomethane	2.604	94	32411	18.427	ug/l	91
6) Chloroethane	2.744	64	35791	19.172	ug/l	98
7) Trichlorofluoromethane	3.074	101	79213	19.157	ug/l	96
8) Diethyl Ether	3.464	74	21456	17.073	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.830	101	51206	21.290	ug/l	90
10) Methyl Iodide	4.019	142	36576	15.036	ug/l	# 89
11) Tert butyl alcohol	4.878	59	19390m	81.425	ug/l	
12) 1,1-Dichloroethene	3.799	96	40603	18.159	ug/l	84
13) Acrolein	3.671	56	11045	58.572	ug/l	96
14) Allyl chloride	4.403	41	77389	19.183	ug/l	# 88
15) Acrylonitrile	5.079	53	55664	96.840	ug/l	99
16) Acetone	3.878	43	73950	110.695	ug/l	# 83
17) Carbon Disulfide	4.116	76	65403	10.913	ug/l	99
18) Methyl Acetate	4.397	43	26614	18.494	ug/l	# 87
19) Methyl tert-butyl Ether	5.134	73	122382	19.052	ug/l	99
20) Methylene Chloride	4.628	84	49423	19.531	ug/l	# 80
21) trans-1,2-Dichloroethene	5.134	96	43296	17.791	ug/l	86
22) Diisopropyl ether	6.030	45	192552	21.912	ug/l	# 89
23) Vinyl Acetate	5.976	43	482009	95.679	ug/l	# 90
24) 1,1-Dichloroethane	5.933	63	108918	22.297	ug/l	95
25) 2-Butanone	6.908	43	92841	103.825	ug/l	# 83
26) 2,2-Dichloropropane	6.902	77	94484	21.719	ug/l	93
27) cis-1,2-Dichloroethene	6.902	96	61550	20.466	ug/l	81
28) Bromochloromethane	7.256	49	42394	19.718	ug/l	# 73
29) Tetrahydrofuran	7.274	42	45258	88.642	ug/l	# 83
30) Chloroform	7.433	83	112858	22.665	ug/l	100
31) Cyclohexane	7.713	56	75507	17.609	ug/l	90
32) 1,1,1-Trichloroethane	7.628	97	96949	22.216	ug/l	95
36) 1,1-Dichloropropene	7.847	75	67811	19.280	ug/l	93
37) Ethyl Acetate	7.000	43	33231	18.120	ug/l	96
38) Carbon Tetrachloride	7.829	117	78408	20.796	ug/l	97
39) Methylcyclohexane	9.115	83	76409	17.242	ug/l	86
40) Benzene	8.091	78	210923	19.816	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	15612	15.729	ug/l	93
42) 1,2-Dichloroethane	8.170	62	62066	20.296	ug/l	94
43) Isopropyl Acetate	8.207	43	67982	18.176	ug/l #	90
44) Trichloroethene	8.871	130	50034	19.408	ug/l	99
45) 1,2-Dichloropropane	9.146	63	56792	21.317	ug/l	99
46) Dibromomethane	9.237	93	27820	19.112	ug/l #	88
47) Bromodichloromethane	9.432	83	84461	21.861	ug/l	97
48) Methyl methacrylate	9.231	41	30163	18.334	ug/l #	80
49) 1,4-Dioxane	9.237	88	5600	343.739	ug/l #	92
51) 4-Methyl-2-Pentanone	10.005	43	182942	95.896	ug/l	89
52) Toluene	10.176	92	135380	20.376	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	68153	19.605	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	79294	19.331	ug/l #	80
55) 1,1,2-Trichloroethane	10.578	97	40764	21.256	ug/l	97
56) Ethyl methacrylate	10.444	69	50145	18.223	ug/l #	73
57) 1,3-Dichloropropane	10.725	76	68783	20.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	116854	91.218	ug/l	93
59) 2-Hexanone	10.767	43	139215	102.172	ug/l	86
60) Dibromochloromethane	10.920	129	50323	20.444	ug/l	98
61) 1,2-Dibromoethane	11.017	107	32941	19.008	ug/l	99
64) Tetrachloroethene	10.652	164	41223	18.914	ug/l	94
65) Chlorobenzene	11.444	112	146521	20.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	52164	21.999	ug/l	99
67) Ethyl Benzene	11.523	91	273403	21.475	ug/l	97
68) m/p-Xylenes	11.633	106	197834	42.075	ug/l	92
69) o-Xylene	11.962	106	95240	21.082	ug/l	91
70) Styrene	11.974	104	163782	21.488	ug/l	96
71) Bromoform	12.139	173	25328	19.953	ug/l #	97
73) Isopropylbenzene	12.261	105	270812	22.434	ug/l	99
74) N-amyl acetate	12.078	43	59166	18.505	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	45204	21.074	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	31676m	11.267	ug/l	
77) Bromobenzene	12.535	156	53070	20.717	ug/l	85
78) n-propylbenzene	12.602	91	327444	22.449	ug/l	97
79) 2-Chlorotoluene	12.682	91	185564	22.191	ug/l	93
80) 1,3,5-Trimethylbenzene	12.743	105	211518	21.697	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	13167	18.904	ug/l #	79
82) 4-Chlorotoluene	12.779	91	185341	21.676	ug/l	96
83) tert-Butylbenzene	13.005	119	203719	23.326	ug/l	96
84) 1,2,4-Trimethylbenzene	13.047	105	208878	21.611	ug/l	97
85) sec-Butylbenzene	13.182	105	306734	23.507	ug/l	97
86) p-Isopropyltoluene	13.297	119	235156	22.193	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	110209	21.304	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	108346	21.319	ug/l	96
89) n-Butylbenzene	13.621	91	234645	22.679	ug/l	98
90) Hexachloroethane	13.883	117	47820	23.177	ug/l	83
91) 1,2-Dichlorobenzene	13.663	146	98131	21.589	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6229	18.196	ug/l	76
93) 1,2,4-Trichlorobenzene	14.925	180	47250	18.538	ug/l	96
94) Hexachlorobutadiene	15.029	225	29871	21.080	ug/l	100
95) Naphthalene	15.151	128	82573	17.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38420	17.832	ug/l	97

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

