

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020423.D
 Acq On : 25 Nov 2024 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 00:41:33 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/26/2024
 Supervised By :Mahesh Dadoda 11/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	174684	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	285382	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	233134	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	107880	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	97636	48.650	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.646	113	89257	48.776	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.560%		
50) Toluene-d8	10.115	98	350540	48.628	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.414	95	114313	49.330	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery =	98.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	96224	56.750	ug/l	99
3) Chloromethane	2.080	50	99273	44.152	ug/l	99
4) Vinyl Chloride	2.220	62	97909	42.091	ug/l	97
5) Bromomethane	2.611	94	56470	48.608	ug/l	99
6) Chloroethane	2.751	64	59563	43.894	ug/l	99
7) Trichlorofluoromethane	3.080	101	177559	54.929	ug/l	99
8) Diethyl Ether	3.470	74	48827	47.874	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.836	101	96786	50.276	ug/l	100
10) Methyl Iodide	4.025	142	125345	48.610	ug/l	94
11) Tert butyl alcohol	4.884	59	27541	182.814	ug/l	98
12) 1,1-Dichloroethene	3.812	96	98728	51.810	ug/l	97
13) Acrolein	3.665	56	29810	239.879	ug/l	99
14) Allyl chloride	4.403	41	177493	48.167	ug/l	96
15) Acrylonitrile	5.073	53	102840	228.101	ug/l	99
16) Acetone	3.885	43	134309	279.161	ug/l	99
17) Carbon Disulfide	4.129	76	316647	49.322	ug/l	99
18) Methyl Acetate	4.403	43	50522	45.049	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	243157	49.120	ug/l	96
20) Methylene Chloride	4.641	84	101155	49.649	ug/l	98
21) trans-1,2-Dichloroethene	5.134	96	106881	50.500	ug/l	93
22) Diisopropyl ether	6.037	45	337243	46.441	ug/l	99
23) Vinyl Acetate	5.982	43	928358	228.762	ug/l	100
24) 1,1-Dichloroethane	5.939	63	204360	49.849	ug/l	99
25) 2-Butanone	6.909	43	157085	253.614	ug/l	99
26) 2,2-Dichloropropane	6.902	77	189283	55.863	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	122563	52.576	ug/l	100
28) Bromochloromethane	7.262	49	70747	41.003	ug/l	96
29) Tetrahydrofuran	7.280	42	82573	223.055	ug/l	99
30) Chloroform	7.433	83	204452	51.646	ug/l	98
31) Cyclohexane	7.719	56	175415	46.888	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	194774	56.034	ug/l	98
36) 1,1-Dichloropropene	7.853	75	152503	54.563	ug/l	100
37) Ethyl Acetate	7.000	43	60163	46.988	ug/l	98
38) Carbon Tetrachloride	7.835	117	178803	61.270	ug/l	96
39) Methylcyclohexane	9.115	83	183470	52.450	ug/l	99
40) Benzene	8.091	78	442569	54.032	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	34330	47.123	ug/l	95
42) 1,2-Dichloroethane	8.170	62	120173	54.354	ug/l	100
43) Isopropyl Acetate	8.207	43	120526	48.405	ug/l	97
44) Trichloroethene	8.878	130	107113	55.194	ug/l	99
45) 1,2-Dichloropropane	9.152	63	100738	51.549	ug/l	99
46) Dibromomethane	9.243	93	51731	51.647	ug/l	99
47) Bromodichloromethane	9.432	83	148962	53.873	ug/l	99
48) Methyl methacrylate	9.231	41	56621	47.563	ug/l	97
49) 1,4-Dioxane	9.243	88	9611	932.665	ug/l #	91
51) 4-Methyl-2-Pentanone	10.006	43	293676	232.411	ug/l	99
52) Toluene	10.176	92	273489	54.628	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	136649	52.261	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	163261	54.544	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	67212	50.552	ug/l	97
56) Ethyl methacrylate	10.444	69	97185	48.672	ug/l	95
57) 1,3-Dichloropropane	10.725	76	122369	51.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	214055	226.086	ug/l	97
59) 2-Hexanone	10.768	43	221629	247.696	ug/l	96
60) Dibromochloromethane	10.920	129	91872	53.609	ug/l	97
61) 1,2-Dibromoethane	11.024	107	60152	48.823	ug/l	100
64) Tetrachloroethene	10.652	164	92139	54.827	ug/l	97
65) Chlorobenzene	11.450	112	279558	53.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	98316	56.618	ug/l	97
67) Ethyl Benzene	11.524	91	527987	55.057	ug/l	99
68) m/p-Xylenes	11.639	106	387037	112.047	ug/l	97
69) o-Xylene	11.962	106	181667	55.449	ug/l	98
70) Styrene	11.975	104	305145	56.058	ug/l	98
71) Bromoform	12.139	173	51400	56.796	ug/l #	98
73) Isopropylbenzene	12.261	105	499390	54.646	ug/l	99
74) N-amyl acetate	12.078	43	101996	46.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	70145	47.492	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	55326m	54.412	ug/l	
77) Bromobenzene	12.536	156	103217	53.909	ug/l	98
78) n-propylbenzene	12.603	91	590576	53.848	ug/l	99
79) 2-Chlorotoluene	12.688	91	333692	52.916	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	403807	54.674	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	25350	48.851	ug/l	97
82) 4-Chlorotoluene	12.786	91	343818	52.829	ug/l	98
83) tert-Butylbenzene	13.005	119	360086	55.248	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	392415	53.592	ug/l	99
85) sec-Butylbenzene	13.182	105	517423	50.357	ug/l	100
86) p-Isopropyltoluene	13.298	119	434534	54.696	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	200328	51.746	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	195463	52.843	ug/l	99
89) n-Butylbenzene	13.627	91	406503	53.431	ug/l	99
90) Hexachloroethane	13.889	117	82749	53.966	ug/l	96
91) 1,2-Dichlorobenzene	13.669	146	168933	52.373	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11052	45.602	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	102140	52.372	ug/l	99
94) Hexachlorobutadiene	15.035	225	68013	57.131	ug/l	99
95) Naphthalene	15.157	128	167750	49.944	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	83798	50.252	ug/l	100

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

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