

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020528.D
 Acq On : 06 Dec 2024 10:54
 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: Dec 07 03:21:46 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	147499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	227967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	192490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	98467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	69011	46.005	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.000%		
35) Dibromofluoromethane	7.646	113	66965	46.660	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.320%		
50) Toluene-d8	10.115	98	254853	46.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.414	95	88959	46.544	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	93.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73664	51.199	ug/l	100
3) Chloromethane	2.074	50	73734	50.615	ug/l	99
4) Vinyl Chloride	2.208	62	75399	50.764	ug/l	99
5) Bromomethane	2.604	94	44945	51.574	ug/l	96
6) Chloroethane	2.745	64	45357	49.824	ug/l	98
7) Trichlorofluoromethane	3.068	101	135790	48.814	ug/l	100
8) Diethyl Ether	3.464	74	37268	47.284	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	78399	48.369	ug/l	99
10) Methyl Iodide	4.013	142	93368	51.313	ug/l	95
11) Tert butyl alcohol	4.872	59	24038	247.026	ug/l	100
12) 1,1-Dichloroethene	3.799	96	76054	49.671	ug/l	94
13) Acrolein	3.659	56	17545	192.574	ug/l	99
14) Allyl chloride	4.397	41	136176	49.866	ug/l	97
15) Acrylonitrile	5.067	53	81067	246.853	ug/l	99
16) Acetone	3.872	43	103932	278.642	ug/l	98
17) Carbon Disulfide	4.116	76	231626	52.855	ug/l	100
18) Methyl Acetate	4.391	43	39242	49.500	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	189628	48.495	ug/l	97
20) Methylene Chloride	4.628	84	80415	50.681	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	85799	50.450	ug/l	95
22) Diisopropyl ether	6.031	45	269396	49.609	ug/l	97
23) Vinyl Acetate	5.970	43	719736	250.579	ug/l	98
24) 1,1-Dichloroethane	5.927	63	163122	49.895	ug/l	99
25) 2-Butanone	6.902	43	119478	253.671	ug/l	99
26) 2,2-Dichloropropane	6.896	77	154299	49.900	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	99442	50.076	ug/l	98
28) Bromochloromethane	7.256	49	61352	50.253	ug/l	93
29) Tetrahydrofuran	7.268	42	64114	238.611	ug/l	98
30) Chloroform	7.427	83	165256	49.252	ug/l	99
31) Cyclohexane	7.707	56	138651	46.911	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	157261	48.675	ug/l	98
36) 1,1-Dichloropropene	7.841	75	119832	49.444	ug/l	99
37) Ethyl Acetate	6.994	43	48231	50.232	ug/l	98
38) Carbon Tetrachloride	7.829	117	144677	50.017	ug/l	100
39) Methylcyclohexane	9.115	83	148871	49.502	ug/l	98
40) Benzene	8.085	78	356382	49.874	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	26642	48.810	ug/l	92
42) 1,2-Dichloroethane	8.164	62	95762	51.002	ug/l	99
43) Isopropyl Acetate	8.201	43	94393	48.685	ug/l	96
44) Trichloroethene	8.872	130	88865	50.447	ug/l	97
45) 1,2-Dichloropropane	9.146	63	81604	48.802	ug/l	97
46) Dibromomethane	9.237	93	42553	51.398	ug/l	99
47) Bromodichloromethane	9.426	83	122524	50.230	ug/l	96
48) Methyl methacrylate	9.225	41	43910	48.567	ug/l	96
49) 1,4-Dioxane	9.237	88	8531	1078.009	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	238163	248.736	ug/l	99
52) Toluene	10.176	92	226650	50.838	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	110537	50.476	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	132459	51.181	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	55189	49.972	ug/l	99
56) Ethyl methacrylate	10.444	69	78793	50.422	ug/l	95
57) 1,3-Dichloropropane	10.725	76	99728	50.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	199974	273.318	ug/l	97
59) 2-Hexanone	10.761	43	175974	254.760	ug/l	97
60) Dibromochloromethane	10.914	129	78637	51.143	ug/l	100
61) 1,2-Dibromoethane	11.024	107	48083	47.609	ug/l	95
64) Tetrachloroethene	10.652	164	77566	47.689	ug/l	99
65) Chlorobenzene	11.450	112	235505	48.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	81926	47.879	ug/l	98
67) Ethyl Benzene	11.524	91	445589	49.270	ug/l	99
68) m/p-Xylenes	11.633	106	327409	98.868	ug/l	99
69) o-Xylene	11.962	106	152263	49.079	ug/l	97
70) Styrene	11.975	104	258061	49.857	ug/l	99
71) Bromoform	12.139	173	43237	49.699	ug/l #	99
73) Isopropylbenzene	12.261	105	423521	44.454	ug/l	99
74) N-amyl acetate	12.078	43	81848	43.832	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	59212	43.218	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	45009m	44.871	ug/l	
77) Bromobenzene	12.536	156	87883	44.543	ug/l	97
78) n-propylbenzene	12.603	91	504021	44.683	ug/l	99
79) 2-Chlorotoluene	12.688	91	279887	43.973	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	342297	44.834	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	21620	44.225	ug/l	95
82) 4-Chlorotoluene	12.786	91	289442	44.561	ug/l	99
83) tert-Butylbenzene	13.005	119	310017	44.913	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	336656	45.367	ug/l	99
85) sec-Butylbenzene	13.182	105	449236	45.412	ug/l	100
86) p-Isopropyltoluene	13.298	119	374460	45.807	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	172673	45.380	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	166671	44.744	ug/l	99
89) n-Butylbenzene	13.627	91	349933	46.154	ug/l	99
90) Hexachloroethane	13.889	117	72337	45.406	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	148484	46.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9136	44.047	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	86224	47.521	ug/l	100
94) Hexachlorobutadiene	15.035	225	60470	47.639	ug/l	99
95) Naphthalene	15.151	128	140403	47.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	71260	48.672	ug/l	99

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

