

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020172.D
 Acq On : 05 Nov 2024 17:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 00:28:47 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	190158	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	346382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	311823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135456	57.075	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	114.160%	
35) Dibromofluoromethane	7.634	113	120468	54.702	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	109.400%	
50) Toluene-d8	10.103	98	482530	55.045	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	110.080%	
62) 4-Bromofluorobenzene	12.402	95	166552	58.494	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	116.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	80871	45.943	ug/l	99
3) Chloromethane	2.068	50	163314	56.012	ug/l	100
4) Vinyl Chloride	2.202	62	174098	55.621	ug/l	98
5) Bromomethane	2.592	94	117150	56.372	ug/l	98
6) Chloroethane	2.733	64	120235	59.520	ug/l	99
7) Trichlorofluoromethane	3.056	101	214314	56.047	ug/l	97
8) Diethyl Ether	3.458	74	61037	57.232	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.812	101	119519	55.727	ug/l	91
10) Methyl Iodide	4.007	142	117056	56.531	ug/l #	89
11) Tert butyl alcohol	4.866	59	41612	243.755	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	113395	55.259	ug/l #	83
13) Acrolein	3.659	56	36721	172.797	ug/l	100
14) Allyl chloride	4.385	41	212727	57.458	ug/l #	89
15) Acrylonitrile	5.061	53	148937	306.792	ug/l	99
16) Acetone	3.873	43	162896	295.143	ug/l #	82
17) Carbon Disulfide	4.104	76	367104	53.757	ug/l	99
18) Methyl Acetate	4.385	43	77617	59.938	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	309517	59.954	ug/l	99
20) Methylene Chloride	4.622	84	130759	52.739	ug/l #	81
21) trans-1,2-Dichloroethene	5.116	96	131551	56.844	ug/l #	84
22) Diisopropyl ether	6.025	45	472266	61.470	ug/l #	94
23) Vinyl Acetate	5.958	43	1318748	305.003	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	258094	58.016	ug/l	96
25) 2-Butanone	6.896	43	227506	304.090	ug/l #	81
26) 2,2-Dichloropropane	6.884	77	207734	56.122	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	154817	58.195	ug/l	83
28) Bromochloromethane	7.244	49	108777	52.219	ug/l #	70
29) Tetrahydrofuran	7.262	42	136935	317.154	ug/l #	80
30) Chloroform	7.421	83	259068	58.685	ug/l	99
31) Cyclohexane	7.701	56	225101	52.266	ug/l	86
32) 1,1,1-Trichloroethane	7.616	97	221004	57.341	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	188317	55.355	ug/l	95
37) Ethyl Acetate	6.988	43	94198	58.076	ug/l	95
38) Carbon Tetrachloride	7.823	117	191832	56.075	ug/l	100
39) Methylcyclohexane	9.110	83	237050	54.901	ug/l #	86
40) Benzene	8.079	78	567834	57.184	ug/l	98

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41) Methacrylonitrile	7.220	41	48651	59.878	ug/l	86
42) 1,2-Dichloroethane	8.158	62	163072	59.329	ug/l	94
43) Isopropyl Acetate	8.201	43	188685	60.495	ug/l #	76
44) Trichloroethene	8.866	130	128750	55.943	ug/l	89
45) 1,2-Dichloropropane	9.140	63	143065	60.219	ug/l	98
46) Dibromomethane	9.231	93	76151	59.156	ug/l #	88
47) Bromodichloromethane	9.420	83	199681	59.211	ug/l	99
48) Methyl methacrylate	9.219	41	89505	61.954	ug/l #	81
49) 1,4-Dioxane	9.231	88	16385	1236.295	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	502998	312.981	ug/l	88
52) Toluene	10.170	92	359345	58.706	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	175741	59.014	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	210815	59.310	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	98320	61.428	ug/l	93
56) Ethyl methacrylate	10.439	69	143276	62.404	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	176918	60.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	318675	281.445	ug/l	91
59) 2-Hexanone	10.762	43	360708	313.064	ug/l	85
60) Dibromochloromethane	10.908	129	123160	60.365	ug/l	100
61) 1,2-Dibromoethane	11.012	107	90209	60.664	ug/l	97
64) Tetrachloroethene	10.646	164	114997	55.855	ug/l	91
65) Chlorobenzene	11.438	112	376972	56.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	123072	57.977	ug/l	99
67) Ethyl Benzene	11.518	91	705130	56.773	ug/l	100
68) m/p-Xylenes	11.627	106	523728	115.254	ug/l	92
69) o-Xylene	11.950	106	250860	58.310	ug/l	94
70) Styrene	11.969	104	426058	59.896	ug/l	96
71) Bromoform	12.127	173	67168	61.678	ug/l #	96
73) Isopropylbenzene	12.249	105	664672	53.583	ug/l	98
74) N-amyl acetate	12.066	43	182085	58.722	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	120866	55.714	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	81092m	55.711	ug/l	
77) Bromobenzene	12.530	156	138161	55.073	ug/l	84
78) n-propylbenzene	12.591	91	840684	54.455	ug/l	96
79) 2-Chlorotoluene	12.676	91	464686	54.226	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	546528	54.880	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	38556	56.976	ug/l #	85
82) 4-Chlorotoluene	12.773	91	480296	54.970	ug/l	95
83) tert-Butylbenzene	12.993	119	485545	55.757	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	539766	54.722	ug/l	96
85) sec-Butylbenzene	13.176	105	732672	54.806	ug/l	98
86) p-Isopropyltoluene	13.292	119	599715	55.903	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	284980	55.918	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	278381	54.851	ug/l	96
89) n-Butylbenzene	13.615	91	592907	55.134	ug/l	98
90) Hexachloroethane	13.877	117	115451	54.417	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	249729	56.374	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18601	56.538	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	135622	56.991	ug/l	96
94) Hexachlorobutadiene	15.023	225	74153	56.985	ug/l	97
95) Naphthalene	15.145	128	260748	58.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	111319	55.108	ug/l	96

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

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