

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020174.D
 Acq On : 06 Nov 2024 11:45
 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 07 00:22:30 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 :Semsettin Yesilyurt 11/07/2024
 Supervised By :Mahesh Dadoda 11/07/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	230428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	404198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	172006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159881	55.594	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	111.180%	
35) Dibromofluoromethane	7.634	113	143899	55.995	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	111.980%	
50) Toluene-d8	10.109	98	569440	55.667	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	111.340%	
62) 4-Bromofluorobenzene	12.408	95	191843	57.739	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	115.480%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	98409	46.136	ug/l	100
3) Chloromethane	2.068	50	195101	55.220	ug/l	99
4) Vinyl Chloride	2.208	62	204593	53.940	ug/l	97
5) Bromomethane	2.599	94	129702	51.505	ug/l	96
6) Chloroethane	2.739	64	128500	52.495	ug/l	97
7) Trichlorofluoromethane	3.062	101	242692	52.377	ug/l	96
8) Diethyl Ether	3.458	74	72553	56.141	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	135879	52.283	ug/l	91
10) Methyl Iodide	4.007	142	132739	52.902	ug/l	# 89
11) Tert butyl alcohol	4.873	59	48541	234.651	ug/l	# 92
12) 1,1-Dichloroethene	3.793	96	129072	51.907	ug/l	# 75
13) Acrolein	3.653	56	48104	186.802	ug/l	96
14) Allyl chloride	4.385	41	245301	54.678	ug/l	# 89
15) Acrylonitrile	5.062	53	171295	291.182	ug/l	97
16) Acetone	3.873	43	199856	298.826	ug/l	# 83
17) Carbon Disulfide	4.110	76	421290	50.910	ug/l	98
18) Methyl Acetate	4.391	43	88378	56.321	ug/l	# 89
19) Methyl tert-butyl Ether	5.116	73	359913	57.532	ug/l	96
20) Methylene Chloride	4.623	84	146201	48.662	ug/l	# 79
21) trans-1,2-Dichloroethene	5.116	96	148383	52.912	ug/l	# 84
22) Diisopropyl ether	6.025	45	524371	56.324	ug/l	# 91
23) Vinyl Acetate	5.964	43	1535359	293.044	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	292120	54.189	ug/l	96
25) 2-Butanone	6.897	43	264054	291.261	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	242303	54.021	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	176275	54.681	ug/l	83
28) Bromochloromethane	7.244	49	142863	56.596	ug/l	# 73
29) Tetrahydrofuran	7.268	42	152273	291.044	ug/l	# 83
30) Chloroform	7.421	83	295374	55.216	ug/l	98
31) Cyclohexane	7.701	56	257459	49.332	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	253546	54.288	ug/l	93
36) 1,1-Dichloropropene	7.835	75	214441	54.017	ug/l	94
37) Ethyl Acetate	6.988	43	107246	56.663	ug/l	# 94
38) Carbon Tetrachloride	7.823	117	224060	56.127	ug/l	99
39) Methylcyclohexane	9.110	83	271178	53.822	ug/l	89
40) Benzene	8.079	78	642726	55.468	ug/l	99

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41) Methacrylonitrile	7.226	41	52322	55.185	ug/l	93
42) 1,2-Dichloroethane	8.159	62	182677	56.955	ug/l	94
43) Isopropyl Acetate	8.201	43	215034	59.082	ug/l #	76
44) Trichloroethene	8.866	130	148122	55.154	ug/l	92
45) 1,2-Dichloropropane	9.140	63	154471	55.719	ug/l	99
46) Dibromomethane	9.232	93	85209	56.724	ug/l	89
47) Bromodichloromethane	9.421	83	226927	57.665	ug/l	99
48) Methyl methacrylate	9.219	41	101256	60.062	ug/l #	79
49) 1,4-Dioxane	9.238	88	17584	1136.984	ug/l #	86
51) 4-Methyl-2-Pentanone	10.000	43	576578	307.447	ug/l	88
52) Toluene	10.170	92	407028	56.985	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	201332	57.937	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	239767	57.807	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	107484	57.548	ug/l	93
56) Ethyl methacrylate	10.439	69	166771	62.248	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	197455	57.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	356421	269.756	ug/l	91
59) 2-Hexanone	10.762	43	423706	315.140	ug/l	87
60) Dibromochloromethane	10.914	129	138945	58.361	ug/l	100
61) 1,2-Dibromoethane	11.012	107	99386	57.275	ug/l	98
64) Tetrachloroethene	10.646	164	130392	54.853	ug/l	93
65) Chlorobenzene	11.438	112	423395	55.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	139183	56.788	ug/l	99
67) Ethyl Benzene	11.518	91	791843	55.219	ug/l	100
68) m/p-Xylenes	11.627	106	584843	111.472	ug/l	91
69) o-Xylene	11.957	106	276362	55.637	ug/l	91
70) Styrene	11.969	104	474896	57.823	ug/l	96
71) Bromoform	12.133	173	76720	61.017	ug/l #	95
73) Isopropylbenzene	12.255	105	745476	54.253	ug/l	99
74) N-amyl acetate	12.072	43	204074	59.414	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	135201	56.261	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	78454m	48.657	ug/l	
77) Bromobenzene	12.530	156	151764	54.613	ug/l	81
78) n-propylbenzene	12.597	91	935230	54.688	ug/l	96
79) 2-Chlorotoluene	12.682	91	515754	54.332	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	610442	55.337	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	43579	58.136	ug/l #	83
82) 4-Chlorotoluene	12.780	91	538644	55.652	ug/l	94
83) tert-Butylbenzene	12.999	119	536088	55.575	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	607618	55.610	ug/l	96
85) sec-Butylbenzene	13.176	105	815272	55.054	ug/l	97
86) p-Isopropyltoluene	13.292	119	660607	55.591	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	315945	55.965	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	311363	55.383	ug/l	97
89) n-Butylbenzene	13.621	91	665684	55.882	ug/l	97
90) Hexachloroethane	13.883	117	129965	55.301	ug/l	85
91) 1,2-Dichlorobenzene	13.658	146	277178	56.486	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	20578	56.464	ug/l	76
93) 1,2,4-Trichlorobenzene	14.926	180	148874	56.476	ug/l	96
94) Hexachlorobutadiene	15.029	225	78807	54.672	ug/l	98
95) Naphthalene	15.145	128	294539	59.774	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	124914	55.824	ug/l	98

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

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