

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019166.D
 Acq On : 21 Aug 2024 13:18
 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: Aug 22 01:11:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	145672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	211966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	198209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	101666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	70563	48.323	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.640%		
35) Dibromofluoromethane	7.628	113	73805	53.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.500%		
50) Toluene-d8	10.103	98	267753	53.684	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	107.360%		
62) 4-Bromofluorobenzene	12.408	95	93574	55.035	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	110.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	49436	46.255	ug/l	100
3) Chloromethane	2.068	50	83087	43.130	ug/l	100
4) Vinyl Chloride	2.202	62	98759	41.503	ug/l	99
5) Bromomethane	2.592	94	69940	47.888	ug/l	99
6) Chloroethane	2.733	64	65241	42.470	ug/l	96
7) Trichlorofluoromethane	3.050	101	147584	41.023	ug/l	98
8) Diethyl Ether	3.446	74	36541	47.056	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.806	101	69748	43.609	ug/l	96
10) Methyl Iodide	4.001	142	85527	54.557	ug/l	94
11) Tert butyl alcohol	4.842	59	25882	199.660	ug/l #	84
12) 1,1-Dichloroethene	3.781	96	69373	47.742	ug/l	97
13) Acrolein	3.647	56	20653	183.041	ug/l	99
14) Allyl chloride	4.379	41	96707	50.057	ug/l	89
15) Acrylonitrile	5.043	53	72486	228.130	ug/l	99
16) Acetone	3.854	43	76845	283.763	ug/l #	82
17) Carbon Disulfide	4.098	76	193748	47.273	ug/l	99
18) Methyl Acetate	4.379	43	35628	42.867	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	173099	49.136	ug/l	94
20) Methylene Chloride	4.604	84	82870	49.087	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	77510	47.745	ug/l	92
22) Diisopropyl ether	6.013	45	223235	50.475	ug/l	93
23) Vinyl Acetate	5.952	43	875880	250.145	ug/l	96
24) 1,1-Dichloroethane	5.909	63	128469	47.499	ug/l	98
25) 2-Butanone	6.878	43	102652	235.372	ug/l	93
26) 2,2-Dichloropropane	6.878	77	116453	53.170	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	91493	47.890	ug/l	94
28) Bromochloromethane	7.232	49	52500	46.273	ug/l	99
29) Tetrahydrofuran	7.256	42	62223	221.944	ug/l	89
30) Chloroform	7.415	83	148676	49.332	ug/l	99
31) Cyclohexane	7.695	56	102837	49.161	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	135003	50.972	ug/l	97
36) 1,1-Dichloropropene	7.823	75	99116	52.079	ug/l	99
37) Ethyl Acetate	6.976	43	45178	53.579	ug/l	96
38) Carbon Tetrachloride	7.811	117	122538	55.558	ug/l	97
39) Methylcyclohexane	9.103	83	116368	47.647	ug/l	98
40) Benzene	8.073	78	312940	53.614	ug/l	97

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41) Methacrylonitrile	7.214	41	21655	47.053	ug/l	97
42) 1,2-Dichloroethane	8.152	62	84081	53.344	ug/l	98
43) Isopropyl Acetate	8.189	43	85063	49.882	ug/l #	81
44) Trichloroethene	8.860	130	78545	48.227	ug/l	93
45) 1,2-Dichloropropane	9.140	63	65437	50.318	ug/l	99
46) Dibromomethane	9.225	93	42214	50.047	ug/l	97
47) Bromodichloromethane	9.420	83	106654	51.538	ug/l	96
48) Methyl methacrylate	9.213	41	37310	49.093	ug/l	86
49) 1,4-Dioxane	9.219	88	8940	874.953	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	232836	257.252	ug/l	92
52) Toluene	10.170	92	206547	53.908	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	97113	56.572	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	112270	54.382	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	55306	50.933	ug/l	96
56) Ethyl methacrylate	10.439	69	75862	53.376	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	93539	52.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	167509	248.437	ug/l	96
59) 2-Hexanone	10.762	43	163981	263.714	ug/l	89
60) Dibromochloromethane	10.914	129	76777	51.913	ug/l	98
61) 1,2-Dibromoethane	11.018	107	54377	51.812	ug/l	97
64) Tetrachloroethene	10.646	164	84442	48.740	ug/l	96
65) Chlorobenzene	11.444	112	226775	49.688	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	81789	50.959	ug/l	96
67) Ethyl Benzene	11.518	91	403138	50.891	ug/l	99
68) m/p-Xylenes	11.633	106	326527	103.883	ug/l	100
69) o-Xylene	11.957	106	152070	52.244	ug/l	99
70) Styrene	11.975	104	260350	52.451	ug/l	97
71) Bromoform	12.133	173	45764	49.879	ug/l #	99
73) Isopropylbenzene	12.255	105	396400	50.871	ug/l	99
74) N-amyl acetate	12.072	43	85586	50.370	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	60931	43.922	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	41301m	41.193	ug/l	
77) Bromobenzene	12.536	156	95026	50.779	ug/l	93
78) n-propylbenzene	12.597	91	470813	50.543	ug/l	98
79) 2-Chlorotoluene	12.682	91	264466	50.641	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	324886	51.180	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	19004	46.811	ug/l #	83
82) 4-Chlorotoluene	12.780	91	275206	50.651	ug/l	98
83) tert-Butylbenzene	12.999	119	292409	49.880	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	322224	50.931	ug/l	100
85) sec-Butylbenzene	13.182	105	432269	50.600	ug/l	99
86) p-Isopropyltoluene	13.298	119	364302	51.917	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	185263	50.199	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	182913	49.859	ug/l	98
89) n-Butylbenzene	13.621	91	334138	52.230	ug/l	99
90) Hexachloroethane	13.883	117	69332	50.129	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	160478	49.441	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9731	47.683	ug/l	90
93) 1,2,4-Trichlorobenzene	14.926	180	95110	51.959	ug/l	98
94) Hexachlorobutadiene	15.029	225	56208	58.953	ug/l	99
95) Naphthalene	15.151	128	161307	49.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	79019	51.183	ug/l	98

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

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