

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019246.D
 Acq On : 23 Aug 2024 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 23 22:53:06 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 :Romaben Patel 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	119674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	190045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	166546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	88031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56558	47.146	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.300%		
35) Dibromofluoromethane	7.622	113	59639	47.994	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.980%		
50) Toluene-d8	10.103	98	218160	48.786	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.408	95	75507	49.531	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	99.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38845	44.241	ug/l	93
3) Chloromethane	2.068	50	61779	39.036	ug/l	99
4) Vinyl Chloride	2.202	62	81188	41.531	ug/l	99
5) Bromomethane	2.592	94	61827	52.039	ug/l	92
6) Chloroethane	2.733	64	55896	44.473	ug/l	99
7) Trichlorofluoromethane	3.050	101	125476	42.454	ug/l	100
8) Diethyl Ether	3.446	74	29281	45.898	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	61238	46.606	ug/l	98
10) Methyl Iodide	3.995	142	67129	52.123	ug/l	96
11) Tert butyl alcohol	4.836	59	24508	237.716	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	57045	47.786	ug/l	97
13) Acrolein	3.647	56	14501	153.327	ug/l	99
14) Allyl chloride	4.379	41	76365	48.115	ug/l	93
15) Acrylonitrile	5.043	53	59266	227.044	ug/l	97
16) Acetone	3.854	43	71191	319.993	ug/l	91
17) Carbon Disulfide	4.098	76	156591	46.507	ug/l	99
18) Methyl Acetate	4.379	43	30280	44.347	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	140123	48.416	ug/l	99
20) Methylene Chloride	4.610	84	66910	48.022	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	64383	48.275	ug/l	98
22) Diisopropyl ether	6.006	45	178709	49.186	ug/l #	90
23) Vinyl Acetate	5.952	43	717064	249.277	ug/l	98
24) 1,1-Dichloroethane	5.903	63	107181	48.237	ug/l	98
25) 2-Butanone	6.878	43	89046	248.529	ug/l	96
26) 2,2-Dichloropropane	6.872	77	94979	52.786	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	77685	49.496	ug/l	100
28) Bromochloromethane	7.232	49	44220	47.443	ug/l	96
29) Tetrahydrofuran	7.244	42	50593	219.664	ug/l	95
30) Chloroform	7.415	83	122835	49.612	ug/l	96
31) Cyclohexane	7.695	56	86201	50.255	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	110811	50.927	ug/l	98
36) 1,1-Dichloropropene	7.829	75	83507	48.939	ug/l	99
37) Ethyl Acetate	6.976	43	36745	48.605	ug/l	95
38) Carbon Tetrachloride	7.811	117	102760	51.965	ug/l	99
39) Methylcyclohexane	9.103	83	110575	50.497	ug/l	97
40) Benzene	8.073	78	264291	50.502	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	20461m	49.587	ug/l	
42) 1,2-Dichloroethane	8.146	62	71137	50.337	ug/l	97
43) Isopropyl Acetate	8.189	43	70799	46.307	ug/l #	83
44) Trichloroethene	8.860	130	71988	49.299	ug/l	94
45) 1,2-Dichloropropane	9.134	63	58821	50.447	ug/l	99
46) Dibromomethane	9.225	93	37768	49.941	ug/l	99
47) Bromodichloromethane	9.420	83	93944	50.633	ug/l	99
48) Methyl methacrylate	9.213	41	32820	48.167	ug/l	91
49) 1,4-Dioxane	9.219	88	8109	885.165	ug/l #	99
51) 4-Methyl-2-Pentanone	10.000	43	189848	233.951	ug/l	94
52) Toluene	10.170	92	178110	51.848	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	80124	52.059	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	92853	50.164	ug/l #	90
55) 1,1,2-Trichloroethane	10.573	97	48592	49.912	ug/l	98
56) Ethyl methacrylate	10.438	69	62962	49.409	ug/l #	87
57) 1,3-Dichloropropane	10.719	76	78178	49.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	140969	233.190	ug/l	94
59) 2-Hexanone	10.762	43	139301	249.864	ug/l	94
60) Dibromochloromethane	10.914	129	68204	51.436	ug/l	100
61) 1,2-Dibromoethane	11.018	107	46581	49.503	ug/l	99
64) Tetrachloroethene	10.646	164	72523	49.819	ug/l	97
65) Chlorobenzene	11.444	112	196400	51.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	71805	53.244	ug/l	96
67) Ethyl Benzene	11.518	91	347538	52.213	ug/l	93
68) m/p-Xylenes	11.633	106	286740	108.569	ug/l	99
69) o-Xylene	11.957	106	131318	53.692	ug/l	99
70) Styrene	11.969	104	232082	55.645	ug/l	99
71) Bromoform	12.133	173	40429	52.442	ug/l #	97
73) Isopropylbenzene	12.255	105	346529	51.359	ug/l	100
74) N-amyl acetate	12.072	43	65491	44.513	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	53091	44.199	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	34694m	39.963	ug/l	
77) Bromobenzene	12.536	156	78728	48.586	ug/l	95
78) n-propylbenzene	12.597	91	407158	50.480	ug/l	99
79) 2-Chlorotoluene	12.682	91	224112	49.560	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	285894	52.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	17209	48.955	ug/l	91
82) 4-Chlorotoluene	12.780	91	242379	51.519	ug/l	97
83) tert-Butylbenzene	12.999	119	259478	51.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	285380	52.094	ug/l	98
85) sec-Butylbenzene	13.176	105	382437	51.701	ug/l	98
86) p-Isopropyltoluene	13.292	119	319820	52.638	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	163025	51.016	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	162188	51.058	ug/l	99
89) n-Butylbenzene	13.621	91	287065	51.822	ug/l	98
90) Hexachloroethane	13.883	117	60134	50.213	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	140989	50.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7803	44.158	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	79091	49.900	ug/l	99
94) Hexachlorobutadiene	15.029	225	43103	52.210	ug/l	98
95) Naphthalene	15.145	128	133540	47.209	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	65410	48.930	ug/l	98

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

