

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019270.D
 Acq On : 23 Aug 2024 20:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 23:05:12 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

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	100830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	168112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	151595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	78364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	54116	53.541	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.080%			
35) Dibromofluoromethane	7.622	113	55636	50.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.220%			
50) Toluene-d8	10.103	98	204636	51.732	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.408	95	70067	51.960	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	31626	42.751	ug/l	95
3) Chloromethane	2.068	50	58950	44.210	ug/l	99
4) Vinyl Chloride	2.196	62	76405	46.389	ug/l	98
5) Bromomethane	2.586	94	58067	58.778	ug/l	98
6) Chloroethane	2.726	64	52845	50.525	ug/l	100
7) Trichlorofluoromethane	3.043	101	110338	44.309	ug/l	98
8) Diethyl Ether	3.440	74	25727	47.864	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	49954	45.124	ug/l	95
10) Methyl Iodide	3.994	142	57138	52.657	ug/l	94
11) Tert butyl alcohol	4.836	59	21336	247.279	ug/l #	83
12) 1,1-Dichloroethene	3.775	96	48679	48.399	ug/l	98
14) Allyl chloride	4.372	41	64155	47.976	ug/l	96
15) Acrylonitrile	5.043	53	59346	269.840	ug/l	99
16) Acetone	3.854	43	41366	220.683	ug/l	94
17) Carbon Disulfide	4.092	76	136221	48.018	ug/l	99
18) Methyl Acetate	4.372	43	34233	59.506	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	128835	52.835	ug/l	94
20) Methylene Chloride	4.604	84	64741	57.057	ug/l	97
21) trans-1,2-Dichloroethene	5.098	96	57837	51.471	ug/l	97
22) Diisopropyl ether	6.006	45	157311	51.388	ug/l	92
23) Vinyl Acetate	5.945	43	544939	224.844	ug/l	99
24) 1,1-Dichloroethane	5.903	63	97612	52.140	ug/l	99
25) 2-Butanone	6.878	43	73543	243.621	ug/l	90
26) 2,2-Dichloropropane	6.872	77	54887	36.205	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	70059	52.980	ug/l	97
28) Bromochloromethane	7.232	49	43086	54.865	ug/l	99
29) Tetrahydrofuran	7.250	42	50279	259.099	ug/l	93
30) Chloroform	7.415	83	113921	54.610	ug/l	94
31) Cyclohexane	7.689	56	72926	50.481	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	98816	53.902	ug/l	98
36) 1,1-Dichloropropene	7.823	75	73016	48.374	ug/l	100
37) Ethyl Acetate	6.976	43	34162	51.084	ug/l	97
38) Carbon Tetrachloride	7.811	117	88801	50.765	ug/l	98
39) Methylcyclohexane	9.103	83	89396	46.151	ug/l	96
40) Benzene	8.073	78	244211	52.753	ug/l	98
41) Methacrylonitrile	7.213	41	17574	48.147	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.146	62	65027	52.017	ug/l	98
43) Isopropyl Acetate	8.189	43	68999	51.017	ug/l	94
44) Trichloroethene	8.859	130	65050	50.360	ug/l	95
45) 1,2-Dichloropropane	9.134	63	54241	52.589	ug/l	95
46) Dibromomethane	9.225	93	35613	53.235	ug/l	99
47) Bromodichloromethane	9.420	83	87263	53.168	ug/l	96
48) Methyl methacrylate	9.213	41	31255	51.854	ug/l	90
49) 1,4-Dioxane	9.219	88	8557	1055.933	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	187087	260.627	ug/l	94
52) Toluene	10.170	92	161658	53.198	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	68085	50.008	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	78468	47.923	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	46227	53.678	ug/l	95
56) Ethyl methacrylate	10.438	69	60143	53.355	ug/l #	87
57) 1,3-Dichloropropane	10.713	76	73292	52.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	136570	255.388	ug/l	94
59) 2-Hexanone	10.755	43	127063	257.648	ug/l	92
60) Dibromochloromethane	10.908	129	63326	53.988	ug/l	98
61) 1,2-Dibromoethane	11.012	107	44486	53.445	ug/l	98
64) Tetrachloroethene	10.646	164	73700	55.620	ug/l	98
65) Chlorobenzene	11.438	112	177604	50.880	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	64867	52.843	ug/l	97
67) Ethyl Benzene	11.518	91	306220	50.543	ug/l	99
68) m/p-Xylenes	11.627	106	248938	103.551	ug/l	98
69) o-Xylene	11.956	106	119082	53.491	ug/l	96
70) Styrene	11.969	104	204042	53.747	ug/l	99
71) Bromoform	12.133	173	37929	54.051	ug/l #	100
73) Isopropylbenzene	12.255	105	296879	49.429	ug/l	98
74) N-amyl acetate	12.072	43	62277	47.551	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	51364	48.036	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	37702m	48.785	ug/l	
77) Bromobenzene	12.530	156	74749	51.821	ug/l	93
78) n-propylbenzene	12.597	91	343293	47.812	ug/l	96
79) 2-Chlorotoluene	12.682	91	201069	49.950	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	247589	50.601	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12529	40.039	ug/l #	87
82) 4-Chlorotoluene	12.780	91	210683	50.306	ug/l	98
83) tert-Butylbenzene	12.999	119	222949	49.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	247886	50.831	ug/l	100
85) sec-Butylbenzene	13.176	105	323143	49.074	ug/l	98
86) p-Isopropyltoluene	13.292	119	276365	51.097	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	146022	51.332	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	142290	50.320	ug/l	99
89) n-Butylbenzene	13.621	91	232313	47.111	ug/l	98
90) Hexachloroethane	13.883	117	55283	51.857	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	128833	51.494	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7892	50.171	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	69502	49.260	ug/l	99
94) Hexachlorobutadiene	15.023	225	37967	51.662	ug/l	98
95) Naphthalene	15.145	128	136299	54.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	63301	53.194	ug/l	98

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

