

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019209.D
 Acq On : 22 Aug 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 09:19:29 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	115378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	193646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	191703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	94062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	65978	57.046	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.100%			
35) Dibromofluoromethane	7.628	113	64754	51.142	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.280%			
50) Toluene-d8	10.103	98	264924	58.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.280%			
62) 4-Bromofluorobenzene	12.408	95	88055	56.689	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 113.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	44101	52.097	ug/l	97
3) Chloromethane	2.068	50	77085	50.521	ug/l	99
4) Vinyl Chloride	2.202	62	91791	48.703	ug/l	100
5) Bromomethane	2.592	94	62867	55.251	ug/l	95
6) Chloroethane	2.733	64	59215	49.358	ug/l	98
7) Trichlorofluoromethane	3.050	101	129909	45.591	ug/l	95
8) Diethyl Ether	3.452	74	34711	56.436	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.812	101	66505	52.500	ug/l	97
10) Methyl Iodide	3.995	142	78535	63.250	ug/l	94
11) Tert butyl alcohol	4.842	59	30564	322.080	ug/l #	82
12) 1,1-Dichloroethene	3.781	96	64226	55.805	ug/l	99
13) Acrolein	3.635	56	10212	106.231	ug/l	96
14) Allyl chloride	4.379	41	94224	61.578	ug/l	90
15) Acrylonitrile	5.043	53	80207	318.708	ug/l	98
16) Acetone	3.854	43	61174	285.207	ug/l #	83
17) Carbon Disulfide	4.098	76	187216	57.673	ug/l	99
18) Methyl Acetate	4.372	43	43445	65.997	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	174334	62.480	ug/l	95
20) Methylene Chloride	4.610	84	80136	62.771	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	76219	59.278	ug/l	95
22) Diisopropyl ether	6.012	45	228591	65.257	ug/l	95
23) Vinyl Acetate	5.951	43	782110	282.012	ug/l	95
24) 1,1-Dichloroethane	5.903	63	131370	61.324	ug/l	97
25) 2-Butanone	6.878	43	105547	305.553	ug/l	90
26) 2,2-Dichloropropane	6.878	77	89967	51.862	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	92054	60.835	ug/l	98
28) Bromochloromethane	7.238	49	51481	57.289	ug/l	93
29) Tetrahydrofuran	7.250	42	73386	330.491	ug/l	89
30) Chloroform	7.415	83	138058	57.836	ug/l	98
31) Cyclohexane	7.695	56	88128	53.575	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	114223	54.450	ug/l	97
36) 1,1-Dichloropropene	7.829	75	87858	50.531	ug/l	99
37) Ethyl Acetate	6.976	43	50503	65.561	ug/l #	94
38) Carbon Tetrachloride	7.811	117	103860	51.545	ug/l	97
39) Methylcyclohexane	9.103	83	120202	53.873	ug/l	94
40) Benzene	8.073	78	292112	54.780	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	28380m	67.500	ug/l	
42) 1,2-Dichloroethane	8.152	62	80990	56.244	ug/l	98
43) Isopropyl Acetate	8.189	43	85585	54.936	ug/l #	84
44) Trichloroethene	8.860	130	82488	55.439	ug/l	99
45) 1,2-Dichloropropane	9.134	63	68803	57.911	ug/l	99
46) Dibromomethane	9.225	93	44958	58.343	ug/l	98
47) Bromodichloromethane	9.420	83	114852	60.751	ug/l	99
48) Methyl methacrylate	9.213	41	44410	63.964	ug/l	88
49) 1,4-Dioxane	9.219	88	10706	1146.917	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	262486	317.448	ug/l	92
52) Toluene	10.170	92	211884	60.533	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	92199	58.790	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	108008	57.267	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	58690	59.163	ug/l	98
56) Ethyl methacrylate	10.438	69	80152	61.729	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	96111	59.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	175950	285.643	ug/l	97
59) 2-Hexanone	10.762	43	178114	313.542	ug/l	89
60) Dibromochloromethane	10.914	129	81451	60.284	ug/l	98
61) 1,2-Dibromoethane	11.012	107	55909	58.311	ug/l	99
64) Tetrachloroethene	10.646	164	93357	55.715	ug/l	96
65) Chlorobenzene	11.444	112	228615	51.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	81768	52.675	ug/l	97
67) Ethyl Benzene	11.518	91	399445	52.136	ug/l	96
68) m/p-Xylenes	11.627	106	315104	103.651	ug/l	99
69) o-Xylene	11.957	106	150052	53.300	ug/l	98
70) Styrene	11.969	104	257416	53.620	ug/l	98
71) Bromoform	12.133	173	46752	52.686	ug/l #	98
73) Isopropylbenzene	12.255	105	384651	53.354	ug/l	99
74) N-amyl acetate	12.072	43	83046	52.826	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	64982	50.629	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	51776m	55.816	ug/l	
77) Bromobenzene	12.536	156	90245	52.123	ug/l	98
78) n-propylbenzene	12.597	91	445499	51.692	ug/l	98
79) 2-Chlorotoluene	12.682	91	256163	53.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	310961	52.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	17906	47.672	ug/l	89
82) 4-Chlorotoluene	12.780	91	259881	51.697	ug/l	99
83) tert-Butylbenzene	12.999	119	277066	51.084	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	304221	51.972	ug/l	100
85) sec-Butylbenzene	13.176	105	401419	50.788	ug/l	99
86) p-Isopropyltoluene	13.292	119	333476	51.366	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	171273	50.160	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	167877	49.460	ug/l	99
89) n-Butylbenzene	13.621	91	286216	48.355	ug/l	99
90) Hexachloroethane	13.883	117	58828	45.973	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	149341	49.729	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8362	44.287	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	67642	39.941	ug/l	98
94) Hexachlorobutadiene	15.029	225	37535	42.550	ug/l	98
95) Naphthalene	15.145	128	126527	41.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	58534	40.979	ug/l	99

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

