

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017426.D
 Acq On : 21 Feb 2024 09:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 03:21:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.807	168	160219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	249014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	210367	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	95851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63446	46.354	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.700%		
35) Dibromofluoromethane	7.734	113	71997	49.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.780%		
50) Toluene-d8	10.191	98	285643	50.528	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.060%		
62) 4-Bromofluorobenzene	12.495	95	82640	44.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	61010	47.754	ug/l	99
3) Chloromethane	2.125	50	111027	42.582	ug/l	99
4) Vinyl Chloride	2.259	62	155276	45.740	ug/l	100
5) Bromomethane	2.662	94	122868	49.209	ug/l	99
6) Chloroethane	2.808	64	103233	47.736	ug/l	100
7) Trichlorofluoromethane	3.137	101	137520	47.235	ug/l	97
8) Diethyl Ether	3.546	74	36617	44.498	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	80289	47.711	ug/l	98
10) Methyl Iodide	4.107	142	97868	54.648	ug/l	99
11) Tert butyl alcohol	4.966	59	17983	168.974	ug/l #	84
12) 1,1-Dichloroethene	3.887	96	76856	48.590	ug/l	97
13) Acrolein	3.741	56	34165	239.894	ug/l	100
14) Allyl chloride	4.503	41	94313	49.194	ug/l	98
15) Acrylonitrile	5.180	53	70021	214.030	ug/l	99
16) Acetone	3.960	43	81203	273.939	ug/l	92
17) Carbon Disulfide	4.216	76	244509	48.658	ug/l	98
18) Methyl Acetate	4.491	43	29438	43.795	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	160626	44.957	ug/l	98
20) Methylene Chloride	4.735	84	81151	43.807	ug/l	99
21) trans-1,2-Dichloroethene	5.241	96	91120	49.807	ug/l	100
22) Diisopropyl ether	6.137	45	212482	48.188	ug/l	96
23) Vinyl Acetate	6.082	43	600529	229.161	ug/l	100
24) 1,1-Dichloroethane	6.033	63	145556	48.689	ug/l	99
25) 2-Butanone	7.003	43	102899	247.297	ug/l	98
26) 2,2-Dichloropropane	6.996	77	130186	50.610	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	99587	49.011	ug/l	99
28) Bromochloromethane	7.350	49	45176	40.276	ug/l	100
29) Tetrahydrofuran	7.362	42	51888	212.131	ug/l	98
30) Chloroform	7.521	83	154732	49.031	ug/l	99
31) Cyclohexane	7.801	56	131261	48.443	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	138804	49.798	ug/l	98
36) 1,1-Dichloropropene	7.935	75	124292	51.055	ug/l	99
37) Ethyl Acetate	7.088	43	38428	43.351	ug/l	96
38) Carbon Tetrachloride	7.917	117	124455	51.347	ug/l	98
39) Methylcyclohexane	9.197	83	153658	51.564	ug/l	98
40) Benzene	8.179	78	354892	49.896	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	20109m	46.451	ug/l	
42) 1,2-Dichloroethane	8.252	62	82580	47.831	ug/l	100
43) Isopropyl Acetate	8.289	43	71131	44.404	ug/l	99
44) Trichloroethene	8.953	130	95819	49.700	ug/l	95
45) 1,2-Dichloropropane	9.228	63	81121	49.339	ug/l	99
46) Dibromomethane	9.319	93	43341	46.378	ug/l	100
47) Bromodichloromethane	9.508	83	112262	48.859	ug/l	97
48) Methyl methacrylate	9.307	41	33423	44.470	ug/l	99
49) 1,4-Dioxane	9.313	88	8132	831.987	ug/l #	95
51) 4-Methyl-2-Pentanone	10.081	43	192083	222.536	ug/l	100
52) Toluene	10.258	92	226214	50.944	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	101216	47.574	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	126570	48.490	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	58705	45.656	ug/l	98
56) Ethyl methacrylate	10.520	69	67434	42.189	ug/l	99
57) 1,3-Dichloropropane	10.807	76	98386	46.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	185463	241.401	ug/l	99
59) 2-Hexanone	10.843	43	150680	253.444	ug/l	99
60) Dibromochloromethane	10.996	129	72245	47.266	ug/l	98
61) 1,2-Dibromoethane	11.099	107	55340	46.003	ug/l	99
64) Tetrachloroethene	10.734	164	83279	49.466	ug/l	100
65) Chlorobenzene	11.532	112	228121	50.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	82717	49.014	ug/l	99
67) Ethyl Benzene	11.605	91	424914	52.424	ug/l	98
68) m/p-Xylenes	11.715	106	333899	104.792	ug/l	100
69) o-Xylene	12.044	106	151417	51.800	ug/l	100
70) Styrene	12.057	104	249837	52.038	ug/l	99
71) Bromoform	12.221	173	40953	46.640	ug/l #	97
73) Isopropylbenzene	12.343	105	407060	54.979	ug/l	100
74) N-amyl acetate	12.154	43	59224	45.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	61193	46.244	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	46090m	49.593	ug/l	
77) Bromobenzene	12.623	156	86669	49.912	ug/l	98
78) n-propylbenzene	12.684	91	485014	54.158	ug/l	100
79) 2-Chlorotoluene	12.770	91	259562	52.638	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	318620	53.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	18620	46.713	ug/l	97
82) 4-Chlorotoluene	12.867	91	259713	51.039	ug/l	98
83) tert-Butylbenzene	13.087	119	278654	53.885	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	310663	52.952	ug/l	100
85) sec-Butylbenzene	13.270	105	421857	53.112	ug/l	100
86) p-Isopropyltoluene	13.386	119	346166	52.915	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	173257	49.407	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	166572	49.195	ug/l	99
89) n-Butylbenzene	13.709	91	310977	52.266	ug/l	100
90) Hexachloroethane	13.977	117	64974	50.687	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	144059	48.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7064	42.234	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	71884	46.576	ug/l	97
94) Hexachlorobutadiene	15.129	225	43979	46.853	ug/l	99
95) Naphthalene	15.251	128	112067	39.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	57431	44.262	ug/l	99

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

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