

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017746.D
 Acq On : 25 Mar 2024 09:50
 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 03/26/2024
 Supervised By :Semsettin Yesilyurt 03/26/2024

Quant Time: Mar 26 03:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	183636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	277426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	242515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	114593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	73604	46.008	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.020%		
35) Dibromofluoromethane	7.734	113	83355	50.264	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.520%		
50) Toluene-d8	10.191	98	316829	49.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.840%		
62) 4-Bromofluorobenzene	12.489	95	98361	51.611	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	75031	47.327	ug/l	98
3) Chloromethane	2.131	50	102234	49.779	ug/l	98
4) Vinyl Chloride	2.265	62	126691	51.019	ug/l	100
5) Bromomethane	2.674	94	97089	50.075	ug/l	99
6) Chloroethane	2.814	64	83297	50.191	ug/l	99
7) Trichlorofluoromethane	3.149	101	143642	54.881	ug/l	94
8) Diethyl Ether	3.546	74	43302	50.182	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.924	101	92360	49.571	ug/l	97
10) Methyl Iodide	4.119	142	116733	51.253	ug/l	99
11) Tert butyl alcohol	4.984	59	22727	213.580	ug/l #	82
12) 1,1-Dichloroethene	3.899	96	89440	51.034	ug/l	97
13) Acrolein	3.753	56	34192	266.567	ug/l	98
14) Allyl chloride	4.509	41	110879	46.683	ug/l	99
15) Acrylonitrile	5.186	53	84854	237.379	ug/l	99
16) Acetone	3.966	43	81210	290.222	ug/l	93
17) Carbon Disulfide	4.222	76	282601	48.191	ug/l	98
18) Methyl Acetate	4.503	43	32637	46.325	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	189231	50.077	ug/l	100
20) Methylene Chloride	4.741	84	93526	45.958	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	98802	49.452	ug/l	99
22) Diisopropyl ether	6.143	45	246822	47.728	ug/l	97
23) Vinyl Acetate	6.082	43	740382	243.754	ug/l	100
24) 1,1-Dichloroethane	6.039	63	159415	46.899	ug/l	99
25) 2-Butanone	7.009	43	109693	231.386	ug/l	97
26) 2,2-Dichloropropane	7.002	77	141328	48.915	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	112915	49.963	ug/l	99
28) Bromochloromethane	7.356	49	62910	47.740	ug/l	98
29) Tetrahydrofuran	7.368	42	66412	222.638	ug/l	95
30) Chloroform	7.521	83	170290	48.326	ug/l	99
31) Cyclohexane	7.801	56	142960	45.182	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	152313	49.632	ug/l	98
36) 1,1-Dichloropropene	7.935	75	128558	50.179	ug/l	99
37) Ethyl Acetate	7.094	43	46833	47.573	ug/l #	97
38) Carbon Tetrachloride	7.917	117	140868	52.512	ug/l	99
39) Methylcyclohexane	9.197	83	172352	52.406	ug/l	99
40) Benzene	8.179	78	391301	51.024	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23539	48.406	ug/l	95
42) 1,2-Dichloroethane	8.252	62	92235	50.213	ug/l	99
43) Isopropyl Acetate	8.289	43	89979	46.253	ug/l	97
44) Trichloroethene	8.953	130	106142	52.914	ug/l	96
45) 1,2-Dichloropropane	9.228	63	86163	49.311	ug/l	100
46) Dibromomethane	9.319	93	50888	52.263	ug/l	98
47) Bromodichloromethane	9.508	83	128383	51.565	ug/l	99
48) Methyl methacrylate	9.301	41	41288	45.684	ug/l	98
49) 1,4-Dioxane	9.307	88	10327	1090.007	ug/l #	96
51) 4-Methyl-2-Pentanone	10.081	43	240190	229.932	ug/l	98
52) Toluene	10.258	92	248165	52.368	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	114561	52.614	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	139289	52.367	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	65852	52.868	ug/l	96
56) Ethyl methacrylate	10.520	69	84126	48.086	ug/l	95
57) 1,3-Dichloropropane	10.801	76	112238	52.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	205506	234.289	ug/l	98
59) 2-Hexanone	10.843	43	176021	239.481	ug/l	97
60) Dibromochloromethane	10.996	129	90613	54.386	ug/l	100
61) 1,2-Dibromoethane	11.099	107	62790	53.694	ug/l	100
64) Tetrachloroethene	10.733	164	119009	53.064	ug/l	98
65) Chlorobenzene	11.526	112	272276	52.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	93758	53.781	ug/l	98
67) Ethyl Benzene	11.605	91	470597	52.489	ug/l	98
68) m/p-Xylenes	11.709	106	374141	107.574	ug/l	99
69) o-Xylene	12.038	106	172643	54.370	ug/l	98
70) Styrene	12.050	104	293034	55.448	ug/l	99
71) Bromoform	12.215	173	52389	57.061	ug/l #	96
73) Isopropylbenzene	12.337	105	454496	52.525	ug/l	99
74) N-amyl acetate	12.154	43	77578	43.912	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	67470	50.641	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	46078m	43.544	ug/l	
77) Bromobenzene	12.617	156	106021	53.817	ug/l	95
78) n-propylbenzene	12.678	91	545187	52.048	ug/l	99
79) 2-Chlorotoluene	12.764	91	297541	51.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	357028	52.708	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23567	51.461	ug/l	99
82) 4-Chlorotoluene	12.861	91	305829	51.892	ug/l	98
83) tert-Butylbenzene	13.087	119	331898	54.145	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	356011	53.612	ug/l	98
85) sec-Butylbenzene	13.263	105	488090	53.128	ug/l	98
86) p-Isopropyltoluene	13.379	119	412002	54.011	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	209875	52.572	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	204677	53.407	ug/l	99
89) n-Butylbenzene	13.702	91	376586	54.568	ug/l	99
90) Hexachloroethane	13.971	117	82041	52.740	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	175281	53.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8735	49.672	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	92289	57.609	ug/l	98
94) Hexachlorobutadiene	15.117	225	60553	58.885	ug/l	98
95) Naphthalene	15.245	128	146221	49.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	76438	57.790	ug/l	99

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

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