

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072324\
 Data File : VY018900.D
 Acq On : 23 Jul 2024 17:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 01:48:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.776	168	89295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	124078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45649	51.952	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.900%			
35) Dibromofluoromethane	7.709	113	46688	53.707	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.420%			
50) Toluene-d8	10.172	98	168937	51.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.477	95	58110	51.666	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.893	85	34186	45.689	ug/l	93
3) Chloromethane	2.101	50	49834	43.828	ug/l	95
4) Vinyl Chloride	2.241	62	61446	46.197	ug/l	98
5) Bromomethane	2.631	94	43824	47.900	ug/l	100
6) Chloroethane	2.777	64	41332	47.831	ug/l	93
7) Trichlorofluoromethane	3.106	101	89957	51.756	ug/l	98
8) Diethyl Ether	3.515	74	22548	53.226	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	43736	49.044	ug/l	93
10) Methyl Iodide	4.076	142	51108	53.221	ug/l	92
11) Tert butyl alcohol	4.935	59	17474	196.313	ug/l #	97
12) 1,1-Dichloroethene	3.850	96	42378	49.122	ug/l	97
13) Acrolein	3.710	56	8099	113.568	ug/l	98
14) Allyl chloride	4.460	41	55413	51.847	ug/l	93
15) Acrylonitrile	5.143	53	46566	278.638	ug/l	97
16) Acetone	3.930	43	48827	301.410	ug/l	91
17) Carbon Disulfide	4.173	76	109985	45.530	ug/l	100
18) Methyl Acetate	4.460	43	25034	53.185	ug/l	97
19) Methyl tert-butyl Ether	5.198	73	107382	53.657	ug/l	98
20) Methylene Chloride	4.698	84	50190	55.227	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	45387	49.847	ug/l	92
22) Diisopropyl ether	6.106	45	121115	52.096	ug/l	92
23) Vinyl Acetate	6.039	43	491787	268.504	ug/l	98
24) 1,1-Dichloroethane	5.996	63	76069	51.247	ug/l	99
25) 2-Butanone	6.972	43	65569	288.758	ug/l #	88
26) 2,2-Dichloropropane	6.959	77	69552	50.500	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	55622	52.470	ug/l	100
28) Bromochloromethane	7.319	49	33446	56.100	ug/l	97
29) Tetrahydrofuran	7.337	42	38907	279.486	ug/l	94
30) Chloroform	7.490	83	87803	53.075	ug/l	100
31) Cyclohexane	7.776	56	60687	44.955	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	79898	51.938	ug/l	97
36) 1,1-Dichloropropene	7.904	75	58881	49.081	ug/l	98
37) Ethyl Acetate	7.057	43	27349	54.845	ug/l	99
38) Carbon Tetrachloride	7.886	117	73322	50.745	ug/l	98
39) Methylcyclohexane	9.179	83	76603	49.827	ug/l	98
40) Benzene	8.148	78	178351	51.248	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	15992	56.251	ug/l	84
42) 1,2-Dichloroethane	8.228	62	53017	54.412	ug/l	96
43) Isopropyl Acetate	8.264	43	53837	54.258	ug/l #	85
44) Trichloroethene	8.929	130	52427	52.702	ug/l	95
45) 1,2-Dichloropropane	9.209	63	40307	53.187	ug/l	99
46) Dibromomethane	9.294	93	26945	54.853	ug/l	96
47) Bromodichloromethane	9.489	83	67948	55.370	ug/l	100
48) Methyl methacrylate	9.288	41	25323	56.148	ug/l #	88
49) 1,4-Dioxane	9.294	88	6294	1093.045	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	145057	286.337	ug/l	92
52) Toluene	10.239	92	118463	51.214	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	58519	55.231	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	68034	54.734	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	34151	54.901	ug/l	94
56) Ethyl methacrylate	10.502	69	46290	56.523	ug/l #	85
57) 1,3-Dichloropropane	10.782	76	57577	55.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	109981	281.096	ug/l	94
59) 2-Hexanone	10.825	43	103732	292.688	ug/l	90
60) Dibromochloromethane	10.977	129	48604	56.868	ug/l	100
61) 1,2-Dibromoethane	11.081	107	33612	55.581	ug/l	98
64) Tetrachloroethene	10.715	164	56753	56.509	ug/l	97
65) Chlorobenzene	11.514	112	135924	51.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	49382	54.759	ug/l	95
67) Ethyl Benzene	11.587	91	228279	49.785	ug/l	96
68) m/p-Xylenes	11.696	106	179218	99.601	ug/l	98
69) o-Xylene	12.026	106	87311	51.613	ug/l	100
70) Styrene	12.038	104	145857	51.674	ug/l	98
71) Bromoform	12.202	173	28308	57.588	ug/l #	98
73) Isopropylbenzene	12.324	105	226798	50.078	ug/l	97
74) N-amyl acetate	12.141	43	47274	51.041	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.580	83	37454	52.460	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	30345m	62.610	ug/l	
77) Bromobenzene	12.605	156	56187	51.968	ug/l	93
78) n-propylbenzene	12.666	91	265494	49.366	ug/l	97
79) 2-Chlorotoluene	12.751	91	151347	50.047	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	186730	50.391	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	10973	50.671	ug/l #	81
82) 4-Chlorotoluene	12.849	91	153096	49.164	ug/l	97
83) tert-Butylbenzene	13.074	119	172164	50.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	181243	49.220	ug/l	99
85) sec-Butylbenzene	13.251	105	240951	49.619	ug/l	97
86) p-Isopropyltoluene	13.367	119	214213	51.098	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	110696	52.130	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	105419	50.089	ug/l	99
89) n-Butylbenzene	13.690	91	186881	49.172	ug/l	98
90) Hexachloroethane	13.958	117	40899	52.459	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	96224	52.458	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	6256	54.077	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	61428	54.860	ug/l	97
94) Hexachlorobutadiene	15.110	225	35389	54.832	ug/l	100
95) Naphthalene	15.232	128	105983	55.174	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	50531	52.743	ug/l	98

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

