

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009889.D
 Acq On : 08 Aug 2022 21:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

Quant Time: Aug 09 02:16:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	60766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	101566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	93875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24424	51.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.040%			
35) Dibromofluoromethane	7.710	113	27479	49.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.680%			
50) Toluene-d8	10.179	98	86060	51.767	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.477	95	41321	53.675	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22806	43.993	ug/l	97
3) Chloromethane	2.101	50	32461	50.357	ug/l	94
4) Vinyl Chloride	2.235	62	35762	53.323	ug/l	99
5) Bromomethane	2.637	94	24298	53.248	ug/l	92
6) Chloroethane	2.778	64	21535	53.112	ug/l	99
7) Trichlorofluoromethane	3.107	101	53858	49.500	ug/l	100
8) Diethyl Ether	3.515	74	19656	51.874	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	30957	49.618	ug/l	96
10) Methyl Iodide	4.070	142	37095	51.787	ug/l	99
11) Tert butyl alcohol	4.948	59	15708	228.013	ug/l #	95
12) 1,1-Dichloroethene	3.851	96	29357	50.815	ug/l	99
13) Acrolein	3.710	56	1159	154.122	ug/l	98
14) Allyl chloride	4.460	41	54320	50.458	ug/l	97
15) Acrylonitrile	5.143	53	53954	265.820	ug/l	99
16) Acetone	3.936	43	38508	224.654	ug/l	98
17) Carbon Disulfide	4.174	76	100351	54.484	ug/l	100
18) Methyl Acetate	4.460	43	27757	54.026	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	86581	53.706	ug/l	99
20) Methylene Chloride	4.704	84	44101	54.873	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	35815	54.120	ug/l	97
22) Diisopropyl ether	6.106	45	121267	53.604	ug/l	97
23) Vinyl Acetate	6.045	43	402794	284.332	ug/l	96
24) 1,1-Dichloroethane	6.003	63	62045	50.750	ug/l	96
25) 2-Butanone	6.978	43	72373	256.391	ug/l	96
26) 2,2-Dichloropropane	6.972	77	46274	43.596	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	40354	53.732	ug/l	97
28) Bromochloromethane	7.326	49	22165	52.042	ug/l	91
29) Tetrahydrofuran	7.338	42	50927	276.396	ug/l	95
30) Chloroform	7.496	83	62716	51.029	ug/l	98
31) Cyclohexane	7.777	56	60841	51.575	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	52514	50.650	ug/l	98
36) 1,1-Dichloropropene	7.905	75	48993	52.662	ug/l	99
37) Ethyl Acetate	7.063	43	33500	54.272	ug/l	98
38) Carbon Tetrachloride	7.886	117	48893	52.952	ug/l	100
39) Methylcyclohexane	9.179	83	64185	58.513	ug/l	96
40) Benzene	8.149	78	150785	54.070	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15354m	45.541	ug/l	
42) 1,2-Dichloroethane	8.228	62	40805	52.737	ug/l	99
43) Isopropyl Acetate	8.264	43	60122	54.716	ug/l	97
44) Trichloroethene	8.935	130	40408	55.932	ug/l	99
45) 1,2-Dichloropropane	9.209	63	39833	55.057	ug/l	98
46) Dibromomethane	9.301	93	23204	57.374	ug/l	97
47) Bromodichloromethane	9.490	83	51339	55.321	ug/l	98
48) Methyl methacrylate	9.289	41	27291	55.836	ug/l	95
49) 1,4-Dioxane	9.295	88	4955	1067.367	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	170772	281.215	ug/l	97
52) Toluene	10.240	92	93061	53.917	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	51242	52.662	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	58652	52.833	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	31092	53.257	ug/l	95
56) Ethyl methacrylate	10.508	69	43213	57.252	ug/l	92
57) 1,3-Dichloropropane	10.788	76	52224	53.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	92941	266.157	ug/l	98
59) 2-Hexanone	10.831	43	117853	284.322	ug/l	98
60) Dibromochloromethane	10.977	129	36767	54.704	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30590	55.110	ug/l	99
64) Tetrachloroethene	10.715	164	37794	54.964	ug/l	95
65) Chlorobenzene	11.514	112	99760	53.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	35996	53.430	ug/l	96
67) Ethyl Benzene	11.587	91	177956	55.130	ug/l	96
68) m/p-Xylenes	11.697	106	135716	109.891	ug/l	95
69) o-Xylene	12.026	106	62745	54.125	ug/l	92
70) Styrene	12.038	104	111682	56.172	ug/l	100
71) Bromoform	12.203	173	22496	54.062	ug/l #	99
73) Isopropylbenzene	12.325	105	168711	53.674	ug/l	99
74) N-amyl acetate	12.142	43	57063	55.951	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	38425	53.322	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	26010m	50.473	ug/l	
77) Bromobenzene	12.605	156	40588	53.472	ug/l	92
78) n-propylbenzene	12.666	91	217183	54.393	ug/l	98
79) 2-Chlorotoluene	12.751	91	119211	53.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	142549	54.162	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	12877	50.520	ug/l	96
82) 4-Chlorotoluene	12.849	91	123701	52.506	ug/l	99
83) tert-Butylbenzene	13.075	119	123136	54.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	141811	54.547	ug/l	99
85) sec-Butylbenzene	13.251	105	188390	53.930	ug/l	99
86) p-Isopropyltoluene	13.367	119	153481	54.274	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	79211	52.177	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	80501	52.129	ug/l	99
89) n-Butylbenzene	13.696	91	150270	54.399	ug/l	97
90) Hexachloroethane	13.959	117	30940	52.510	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	72470	52.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5852	50.770	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	39887	50.854	ug/l	97
94) Hexachlorobutadiene	15.111	225	22800	51.181	ug/l	99
95) Naphthalene	15.233	128	90502	55.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	36364	52.111	ug/l	99

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

