

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009156.D
 Acq On : 06 Jun 2022 18:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/07/2022
 Supervised By : Semsettin Yesilyurt 06/07/2022

Quant Time: Jun 07 02:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	99935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42261	41.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.180%		
35) Dibromofluoromethane	7.710	113	42259	42.283	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.560%		
50) Toluene-d8	10.173	98	128147	34.756	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	69.520%		
62) 4-Bromofluorobenzene	12.477	95	69535	46.752	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42182	46.150	ug/l	96
3) Chloromethane	2.107	50	77857	59.457	ug/l	94
4) Vinyl Chloride	2.241	62	120996	62.369	ug/l	95
5) Bromomethane	2.631	94	106975	56.253	ug/l	96
6) Chloroethane	2.784	64	86320	62.807	ug/l	96
7) Trichlorofluoromethane	3.113	101	83447	50.651	ug/l	95
8) Diethyl Ether	3.521	74	27372	53.134	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.887	101	47632	47.041	ug/l	96
10) Methyl Iodide	4.082	142	46726	44.690	ug/l	91
11) Tert butyl alcohol	4.948	59	27377	262.421	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	45024	47.900	ug/l	81
13) Acrolein	3.729	56	3491	101.662	ug/l	96
14) Allyl chloride	4.473	41	64782	45.732	ug/l #	85
15) Acrylonitrile	5.149	53	77693	269.358	ug/l	99
16) Acetone	3.942	43	58974	275.460	ug/l #	87
17) Carbon Disulfide	4.186	76	132506	43.149	ug/l	98
18) Methyl Acetate	4.473	43	36551	54.825	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	145089	51.426	ug/l	97
20) Methylene Chloride	4.704	84	54957	45.169	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	55050	45.629	ug/l	87
22) Diisopropyl ether	6.112	45	163753	48.117	ug/l #	93
23) Vinyl Acetate	6.052	43	590146	262.151	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	94250	46.303	ug/l	98
25) 2-Butanone	6.978	43	105071	274.772	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	87333	46.576	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	62492	45.949	ug/l	88
28) Bromochloromethane	7.320	49	28719	41.106	ug/l #	90
29) Tetrahydrofuran	7.338	42	70028	269.596	ug/l #	82
30) Chloroform	7.496	83	101970	46.408	ug/l	100
31) Cyclohexane	7.777	56	83089	41.295	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	92181	46.242	ug/l	99
36) 1,1-Dichloropropene	7.911	75	78648	46.241	ug/l	97
37) Ethyl Acetate	7.070	43	48935	55.465	ug/l #	96
38) Carbon Tetrachloride	7.893	117	82250	46.228	ug/l	97
39) Methylcyclohexane	9.179	83	96794	44.090	ug/l #	87
40) Benzene	8.155	78	229733	46.841	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23841m	52.366	ug/l	
42) 1,2-Dichloroethane	8.234	62	73378	50.951	ug/l	93
43) Isopropyl Acetate	8.271	43	93977	57.286	ug/l #	94
44) Trichloroethene	8.935	130	60748	46.779	ug/l	100
45) 1,2-Dichloropropane	9.209	63	57707	49.002	ug/l	94
46) Dibromomethane	9.301	93	38071	50.841	ug/l	93
47) Bromodichloromethane	9.490	83	83647	48.878	ug/l	98
48) Methyl methacrylate	9.289	41	41738	56.978	ug/l #	84
49) 1,4-Dioxane	9.295	88	11334	1132.267	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	265529	292.464	ug/l	92
52) Toluene	10.240	92	156562	45.678	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	92288	50.782	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	98282	50.306	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	53192	50.774	ug/l	98
56) Ethyl methacrylate	10.508	69	70297	52.484	ug/l	89
57) 1,3-Dichloropropane	10.788	76	86996	50.906	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	154337	266.346	ug/l	96
59) 2-Hexanone	10.831	43	188239	302.822	ug/l	91
60) Dibromochloromethane	10.984	129	63496	49.999	ug/l	100
61) 1,2-Dibromoethane	11.087	107	51939	50.031	ug/l	99
64) Tetrachloroethene	10.715	164	54096	46.412	ug/l	96
65) Chlorobenzene	11.514	112	168585	45.868	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	65487	48.659	ug/l	98
67) Ethyl Benzene	11.587	91	307690	46.453	ug/l	98
68) m/p-Xylenes	11.697	106	258630	96.184	ug/l	91
69) o-Xylene	12.026	106	123262	49.365	ug/l	89
70) Styrene	12.044	104	214777	50.017	ug/l	95
71) Bromoform	12.203	173	46701	52.346	ug/l #	98
73) Isopropylbenzene	12.325	105	322912	40.563	ug/l	100
74) N-amyl acetate	12.142	43	99800	54.336	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	75042	45.761	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	53102m	46.447	ug/l	
77) Bromobenzene	12.605	156	76374	41.387	ug/l	95
78) n-propylbenzene	12.666	91	412170	44.814	ug/l	99
79) 2-Chlorotoluene	12.758	91	222318	41.905	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	286884	42.995	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	26934	48.354	ug/l	87
82) 4-Chlorotoluene	12.855	91	243863	42.976	ug/l	97
83) tert-Butylbenzene	13.075	119	253884	42.888	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	290723	43.891	ug/l	96
85) sec-Butylbenzene	13.251	105	399763	44.137	ug/l	98
86) p-Isopropyltoluene	13.367	119	345469	45.740	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	173858	44.166	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	175512	44.379	ug/l	98
89) n-Butylbenzene	13.696	91	319083	46.178	ug/l	99
90) Hexachloroethane	13.959	117	60913	43.036	ug/l	85
91) 1,2-Dichlorobenzene	13.733	146	159068	45.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11975	47.036	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	46415	24.339	ug/l	98
94) Hexachlorobutadiene	15.111	225	41949	40.359	ug/l	99
95) Naphthalene	15.233	128	175543	45.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	68085	41.084	ug/l	100

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

