

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009428.D
 Acq On : 05 Jul 2022 10:54
 Operator : KP/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 :Semsettin Yesilyurt 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 04:46:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	159773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61310	47.909	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.820%		
35) Dibromofluoromethane	7.710	113	69189	49.104	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.200%		
50) Toluene-d8	10.173	98	216121	50.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	100.060%		
62) 4-Bromofluorobenzene	12.477	95	107011	52.229	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	104.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53359	40.566	ug/l	97
3) Chloromethane	2.107	50	58295	40.731	ug/l	96
4) Vinyl Chloride	2.247	62	68377	41.300	ug/l	99
5) Bromomethane	2.644	94	44902	42.265	ug/l	97
6) Chloroethane	2.784	64	39192	44.397	ug/l	99
7) Trichlorofluoromethane	3.119	101	93676	42.646	ug/l	97
8) Diethyl Ether	3.521	74	38337	44.669	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	68087	43.242	ug/l	97
10) Methyl Iodide	4.082	142	83903	48.545	ug/l	89
11) Tert butyl alcohol	4.948	59	38598	171.524	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	61357	42.720	ug/l	92
13) Acrolein	3.717	56	23478	219.817	ug/l	96
14) Allyl chloride	4.473	41	119127	45.266	ug/l	91
15) Acrylonitrile	5.149	53	115280	237.107	ug/l	97
16) Acetone	3.936	43	114737	273.000	ug/l	91
17) Carbon Disulfide	4.186	76	157762	39.488	ug/l	99
18) Methyl Acetate	4.466	43	51953	47.574	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	202891	47.103	ug/l	98
20) Methylene Chloride	4.704	84	85347	43.595	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	75704	44.026	ug/l	86
22) Diisopropyl ether	6.112	45	275500	49.605	ug/l	93
23) Vinyl Acetate	6.051	43	884489	254.224	ug/l	96
24) 1,1-Dichloroethane	6.009	63	142564	45.656	ug/l #	98
25) 2-Butanone	6.978	43	167924	252.021	ug/l	96
26) 2,2-Dichloropropane	6.978	77	131062	44.347	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	92701	46.404	ug/l	90
28) Bromochloromethane	7.332	49	72525	54.091	ug/l	92
29) Tetrahydrofuran	7.338	42	103782	242.944	ug/l	95
30) Chloroform	7.502	83	147435	45.940	ug/l	99
31) Cyclohexane	7.777	56	123648	42.957	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	128937	44.864	ug/l	97
36) 1,1-Dichloropropene	7.911	75	110927	45.025	ug/l	98
37) Ethyl Acetate	7.064	43	69051	47.262	ug/l #	95
38) Carbon Tetrachloride	7.893	117	113818	44.199	ug/l	99
39) Methylcyclohexane	9.179	83	128870	44.197	ug/l	92
40) Benzene	8.155	78	328926	45.654	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	35565m	43.088	ug/l	
42) 1,2-Dichloroethane	8.228	62	95267	46.096	ug/l	92
43) Isopropyl Acetate	8.271	43	126274	47.075	ug/l #	94
44) Trichloroethene	8.935	130	89418	44.668	ug/l	99
45) 1,2-Dichloropropane	9.209	63	87937	48.185	ug/l	93
46) Dibromomethane	9.301	93	48089	45.996	ug/l	98
47) Bromodichloromethane	9.490	83	114239	46.140	ug/l	98
48) Methyl methacrylate	9.289	41	55254	47.782	ug/l #	88
49) 1,4-Dioxane	9.295	88	13662	937.436	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	346319	250.404	ug/l	94
52) Toluene	10.240	92	216888	47.714	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	123628	49.916	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	138011	46.670	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	70529	50.704	ug/l	97
56) Ethyl methacrylate	10.508	69	96167	54.163	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	117755	47.787	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	265683	270.267	ug/l	98
59) 2-Hexanone	10.831	43	254578	266.465	ug/l	93
60) Dibromochloromethane	10.984	129	83441	47.401	ug/l	97
61) 1,2-Dibromoethane	11.087	107	65838	47.145	ug/l	100
64) Tetrachloroethene	10.715	164	94788	42.638	ug/l	96
65) Chlorobenzene	11.514	112	234044	45.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	88639	47.295	ug/l	97
67) Ethyl Benzene	11.593	91	423506	47.780	ug/l	99
68) m/p-Xylenes	11.703	106	329821	93.058	ug/l	92
69) o-Xylene	12.026	106	157239	47.011	ug/l	92
70) Styrene	12.044	104	266252	48.045	ug/l	95
71) Bromoform	12.209	173	57224	48.593	ug/l #	97
73) Isopropylbenzene	12.331	105	422905	46.371	ug/l	99
74) N-amyl acetate	12.142	43	111788	46.729	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	82065	46.453	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	61839m	42.766	ug/l	
77) Bromobenzene	12.605	156	100490	46.223	ug/l	96
78) n-propylbenzene	12.666	91	512634	46.209	ug/l	98
79) 2-Chlorotoluene	12.752	91	285637	45.614	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	354282	46.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	30525	47.002	ug/l #	85
82) 4-Chlorotoluene	12.855	91	299746	46.062	ug/l	98
83) tert-Butylbenzene	13.075	119	309808	48.349	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	344938	47.595	ug/l	97
85) sec-Butylbenzene	13.251	105	465288	48.211	ug/l	99
86) p-Isopropyltoluene	13.367	119	382991	47.191	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	196101	45.657	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	195103	44.144	ug/l	99
89) n-Butylbenzene	13.696	91	359231	47.109	ug/l	98
90) Hexachloroethane	13.959	117	74226	46.130	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	177943	45.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13806	46.629	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	104261	45.088	ug/l	99
94) Hexachlorobutadiene	15.111	225	56812	43.765	ug/l	97
95) Naphthalene	15.233	128	214978	46.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90786	45.190	ug/l	99

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

