

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009650.D
 Acq On : 22 Jul 2022 11:08
 Operator : KP/MD
 Sample : VY0722SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

Quant Time: Jul 23 00:52:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	193847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	97053	52.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.880%	
35) Dibromofluoromethane	7.710	113	98033	54.650	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.300%	
50) Toluene-d8	10.173	98	372756	54.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 108.100%	
62) 4-Bromofluorobenzene	12.477	95	120380	53.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 107.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	33831	19.890	ug/l	98
3) Chloromethane	2.107	50	47902	19.004	ug/l	95
4) Vinyl Chloride	2.241	62	55865	21.194	ug/l	99
5) Bromomethane	2.631	94	42199	23.653	ug/l	99
6) Chloroethane	2.778	64	35985	22.474	ug/l	99
7) Trichlorofluoromethane	3.107	101	72527	23.220	ug/l	93
8) Diethyl Ether	3.515	74	22296	21.817	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	41245	22.581	ug/l	94
10) Methyl Iodide	4.076	142	49884	20.560	ug/l	90
11) Tert butyl alcohol	4.954	59	18120	79.936	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	38525	21.611	ug/l	85
13) Acrolein	3.723	56	12958	98.865	ug/l	97
14) Allyl chloride	4.466	41	54497	19.763	ug/l #	92
15) Acrylonitrile	5.149	53	53665	106.324	ug/l	99
16) Acetone	3.942	43	43924	94.710	ug/l #	85
17) Carbon Disulfide	4.180	76	115634	20.866	ug/l	99
18) Methyl Acetate	4.466	43	28433	21.841	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	99768	21.235	ug/l	97
20) Methylene Chloride	4.698	84	80961	31.142	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	43578	21.599	ug/l	84
22) Diisopropyl ether	6.106	45	120363	20.440	ug/l #	94
23) Vinyl Acetate	6.051	43	368513	99.188	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	72288	21.255	ug/l	98
25) 2-Butanone	6.978	43	67399	99.629	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	64110	21.042	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	48206	21.610	ug/l	84
28) Bromochloromethane	7.326	49	27671	18.989	ug/l #	78
29) Tetrahydrofuran	7.344	42	45450	102.330	ug/l #	88
30) Chloroform	7.496	83	76468	21.979	ug/l	96
31) Cyclohexane	7.777	56	62907	19.460	ug/l #	86
32) 1,1,1-Trichloroethane	7.691	97	69073	22.134	ug/l	96
36) 1,1-Dichloropropene	7.911	75	56930	21.477	ug/l	93
37) Ethyl Acetate	7.063	43	30808	20.882	ug/l #	93
38) Carbon Tetrachloride	7.893	117	63896	23.026	ug/l	99
39) Methylcyclohexane	9.179	83	67594	20.680	ug/l	89
40) Benzene	8.155	78	168470	21.720	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14027	19.814	ug/l #	52
42) 1,2-Dichloroethane	8.228	62	48020	22.069	ug/l	92
43) Isopropyl Acetate	8.264	43	54696	20.233	ug/l #	90
44) Trichloroethene	8.929	130	49620	22.494	ug/l	97
45) 1,2-Dichloropropane	9.209	63	41134	21.615	ug/l	92
46) Dibromomethane	9.301	93	24637	22.291	ug/l	92
47) Bromodichloromethane	9.490	83	57439	22.163	ug/l #	95
48) Methyl methacrylate	9.289	41	24482	20.498	ug/l #	85
49) 1,4-Dioxane	9.295	88	6206	421.249	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	149505	106.512	ug/l	91
52) Toluene	10.240	92	108539	22.091	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	57297	21.405	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	65040	21.370	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	34961	22.460	ug/l	95
56) Ethyl methacrylate	10.508	69	41466	20.822	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	56669	21.939	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	84085	97.635	ug/l	94
59) 2-Hexanone	10.831	43	101988	104.468	ug/l	89
60) Dibromochloromethane	10.977	129	42746	22.695	ug/l	99
61) 1,2-Dibromoethane	11.081	107	34395	22.648	ug/l	99
64) Tetrachloroethene	10.715	164	46876	23.252	ug/l	98
65) Chlorobenzene	11.514	112	117714	22.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44947	22.982	ug/l	98
67) Ethyl Benzene	11.587	91	199465	21.544	ug/l	97
68) m/p-Xylenes	11.697	106	161277	43.770	ug/l	91
69) o-Xylene	12.026	106	75394	21.865	ug/l	88
70) Styrene	12.044	104	126515	22.060	ug/l	94
71) Bromoform	12.203	173	28578	23.155	ug/l #	99
73) Isopropylbenzene	12.325	105	197619	21.291	ug/l	99
74) N-amyl acetate	12.142	43	48723	19.738	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	40514	21.795	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	27916m	21.860	ug/l	
77) Bromobenzene	12.605	156	51044	21.869	ug/l	87
78) n-propylbenzene	12.666	91	238710	21.284	ug/l	97
79) 2-Chlorotoluene	12.751	91	132743	21.347	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	165911	21.632	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	13365	20.636	ug/l	89
82) 4-Chlorotoluene	12.849	91	136761	21.200	ug/l	93
83) tert-Butylbenzene	13.075	119	146561	21.509	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	162840	21.230	ug/l	96
85) sec-Butylbenzene	13.251	105	217775	21.556	ug/l	98
86) p-Isopropyltoluene	13.367	119	183205	21.579	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	99959	21.649	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	99171	21.663	ug/l	99
89) n-Butylbenzene	13.696	91	162639	20.975	ug/l	99
90) Hexachloroethane	13.959	117	35356	21.615	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	88267	21.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6190	21.889	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	54012	21.335	ug/l	99
94) Hexachlorobutadiene	15.111	225	33601	22.373	ug/l	97
95) Naphthalene	15.233	128	99424	20.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	47274	21.258	ug/l	99

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

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