

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009911.D
 Acq On : 09 Aug 2022 11:48
 Operator : KP/MD
 Sample : VY0809SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 09 23:02:54 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	7.783	168	60485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	99670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	95652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	23879	50.485	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.980%			
35) Dibromofluoromethane	7.710	113	26741	49.424	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.840%			
50) Toluene-d8	10.173	98	80887	49.253	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.477	95	38782	51.335	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8591	16.649	ug/l	98
3) Chloromethane	2.107	50	10873	16.946	ug/l	99
4) Vinyl Chloride	2.241	62	11918	17.853	ug/l	100
5) Bromomethane	2.625	94	8166	17.979	ug/l	95
6) Chloroethane	2.772	64	7025	17.406	ug/l	98
7) Trichlorofluoromethane	3.107	101	19786	18.269	ug/l	90
8) Diethyl Ether	3.515	74	6994	18.544	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	11928	19.207	ug/l	95
10) Methyl Iodide	4.076	142	10660	14.951	ug/l	100
11) Tert butyl alcohol	4.942	59	7927	115.601	ug/l #	78
12) 1,1-Dichloroethene	3.851	96	10107	17.576	ug/l	100
13) Acrolein	3.717	56	943	125.981	ug/l	93
14) Allyl chloride	4.460	41	18041	16.836	ug/l	98
15) Acrylonitrile	5.149	53	20325	100.602	ug/l	97
16) Acetone	3.942	43	16965	99.433	ug/l	90
17) Carbon Disulfide	4.174	76	25420	13.866	ug/l	97
18) Methyl Acetate	4.467	43	10958	19.750	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	29522	18.398	ug/l	100
20) Methylene Chloride	4.704	84	18453	16.930	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	11643	17.675	ug/l	92
22) Diisopropyl ether	6.106	45	41955	18.632	ug/l	93
23) Vinyl Acetate	6.045	43	127581	90.478	ug/l	99
24) 1,1-Dichloroethane	5.997	63	22730	18.678	ug/l	96
25) 2-Butanone	6.978	43	29114	103.619	ug/l	91
26) 2,2-Dichloropropane	6.972	77	22044	20.865	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	14227	19.031	ug/l	95
28) Bromochloromethane	7.320	49	7713	18.194	ug/l	93
29) Tetrahydrofuran	7.344	42	17772	96.902	ug/l	96
30) Chloroform	7.496	83	24763	20.242	ug/l	99
31) Cyclohexane	7.777	56	18691	15.918	ug/l #	91
32) 1,1,1-Trichloroethane	7.685	97	19792	19.178	ug/l	98
36) 1,1-Dichloropropene	7.911	75	16570	18.150	ug/l	97
37) Ethyl Acetate	7.064	43	12570	20.752	ug/l	98
38) Carbon Tetrachloride	7.893	117	16979	18.738	ug/l	99
39) Methylcyclohexane	9.179	83	17873	16.603	ug/l	96
40) Benzene	8.149	78	53392	19.510	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6362	19.229	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	14718	19.384	ug/l	98
43) Isopropyl Acetate	8.265	43	21021	19.495	ug/l	97
44) Trichloroethene	8.929	130	13335	18.809	ug/l	99
45) 1,2-Dichloropropane	9.210	63	14124	19.894	ug/l	93
46) Dibromomethane	9.301	93	8095	20.396	ug/l	94
47) Bromodichloromethane	9.490	83	17637	19.366	ug/l	97
48) Methyl methacrylate	9.283	41	8847	18.445	ug/l	94
49) 1,4-Dioxane	9.295	88	1991	437.044	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	59829	100.396	ug/l	98
52) Toluene	10.240	92	32370	19.111	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	18692	19.575	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	20649	18.954	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	11532	20.129	ug/l	94
56) Ethyl methacrylate	10.508	69	14053	18.973	ug/l	95
57) 1,3-Dichloropropane	10.789	76	19234	20.016	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	38839	113.340	ug/l	96
59) 2-Hexanone	10.831	43	41166	101.203	ug/l	96
60) Dibromochloromethane	10.978	129	13184	19.989	ug/l	100
61) 1,2-Dibromoethane	11.081	107	10728	19.695	ug/l	98
64) Tetrachloroethene	10.715	164	12537	17.894	ug/l	97
65) Chlorobenzene	11.514	112	35969	18.941	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	13586	19.791	ug/l	96
67) Ethyl Benzene	11.587	91	60811	18.489	ug/l	99
68) m/p-Xylenes	11.697	106	48434	38.489	ug/l	98
69) o-Xylene	12.026	106	22384	18.950	ug/l	98
70) Styrene	12.038	104	39372	19.435	ug/l	98
71) Bromoform	12.203	173	8543	20.149	ug/l #	100
73) Isopropylbenzene	12.331	105	57410	17.678	ug/l	98
74) N-amyl acetate	12.142	43	19086	18.113	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	15195	20.408	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	12123m	22.769	ug/l	
77) Bromobenzene	12.605	156	15041	19.179	ug/l	92
78) n-propylbenzene	12.666	91	77082	18.685	ug/l	99
79) 2-Chlorotoluene	12.752	91	43181	18.702	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	51268	18.854	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	4872	18.500	ug/l	96
82) 4-Chlorotoluene	12.849	91	45114	18.534	ug/l	99
83) tert-Butylbenzene	13.075	119	45330	19.284	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	53398	19.879	ug/l	99
85) sec-Butylbenzene	13.252	105	70337	19.488	ug/l	99
86) p-Isopropyltoluene	13.367	119	56969	19.498	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	31815	20.283	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	31685	19.859	ug/l	98
89) n-Butylbenzene	13.697	91	54438	19.074	ug/l	96
90) Hexachloroethane	13.959	117	12455	20.459	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	28726	20.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2349	19.724	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	15649	19.311	ug/l	100
94) Hexachlorobutadiene	15.111	225	8526	18.524	ug/l	96
95) Naphthalene	15.233	128	32063	18.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	14524	20.145	ug/l	96

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

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