

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009110.D
 Acq On : 26 May 2022 11:50
 Operator : KP/MD
 Sample : VY0526SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0526SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 27 03:22:49 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	7.789	168	94666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43536	44.685	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.380%		
35) Dibromofluoromethane	7.715	113	46061	48.245	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.480%		
50) Toluene-d8	10.178	98	142413	40.434	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.860%		
62) 4-Bromofluorobenzene	12.483	95	64241	45.215	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18355	21.199	ug/l	98
3) Chloromethane	2.113	50	28805	23.222	ug/l	92
4) Vinyl Chloride	2.247	62	43631	23.742	ug/l	96
5) Bromomethane	2.637	94	42597	23.646	ug/l	98
6) Chloroethane	2.790	64	31205	23.969	ug/l	99
7) Trichlorofluoromethane	3.119	101	34354	22.013	ug/l	100
8) Diethyl Ether	3.527	74	10215	20.933	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	20403	21.272	ug/l	94
10) Methyl Iodide	4.094	142	19438	19.626	ug/l	92
11) Tert butyl alcohol	4.942	59	10436	105.601	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	19073	21.421	ug/l #	80
13) Acrolein	3.728	56	4352	133.789	ug/l	91
14) Allyl chloride	4.484	41	27683	20.630	ug/l #	87
15) Acrylonitrile	5.155	53	25899	94.788	ug/l	98
16) Acetone	3.942	43	21408	105.560	ug/l	100
17) Carbon Disulfide	4.192	76	58743	20.194	ug/l	100
18) Methyl Acetate	4.478	43	13208	20.914	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	50421	18.866	ug/l	98
20) Methylene Chloride	4.710	84	27989	19.837	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	22255	19.473	ug/l	85
22) Diisopropyl ether	6.118	45	62690	19.446	ug/l #	93
23) Vinyl Acetate	6.057	43	199506	93.556	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	38207	19.815	ug/l #	95
25) 2-Butanone	6.984	43	34408	94.989	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	37671	21.209	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	25710	19.956	ug/l	89
28) Bromochloromethane	7.331	49	14392	21.746	ug/l	93
29) Tetrahydrofuran	7.350	42	22176	90.126	ug/l #	87
30) Chloroform	7.502	83	41338	19.861	ug/l	95
31) Cyclohexane	7.783	56	36981	19.402	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	37947	20.095	ug/l	98
36) 1,1-Dichloropropene	7.917	75	32668	20.106	ug/l	97
37) Ethyl Acetate	7.069	43	16806	19.940	ug/l	97
38) Carbon Tetrachloride	7.898	117	33686	19.819	ug/l	97
39) Methylcyclohexane	9.185	83	39571	18.868	ug/l #	84
40) Benzene	8.161	78	92425	19.727	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6850	15.750	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	27286	19.833	ug/l	93
43) Isopropyl Acetate	8.270	43	30135	19.229	ug/l #	90
44) Trichloroethene	8.941	130	24412	19.678	ug/l	92
45) 1,2-Dichloropropane	9.209	63	23198	20.621	ug/l	98
46) Dibromomethane	9.307	93	13696	19.146	ug/l	91
47) Bromodichloromethane	9.496	83	33074	20.231	ug/l	97
48) Methyl methacrylate	9.288	41	12544	17.926	ug/l #	78
49) 1,4-Dioxane	9.294	88	3275	342.488	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	80373	92.670	ug/l	94
52) Toluene	10.239	92	61417	18.758	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	33073	19.051	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	36946	19.796	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	19030	19.015	ug/l	96
56) Ethyl methacrylate	10.508	69	21926	17.136	ug/l	90
57) 1,3-Dichloropropane	10.788	76	30722	18.819	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.782	63	52548	94.929	ug/l	97
59) 2-Hexanone	10.831	43	54794	92.274	ug/l	95
60) Dibromochloromethane	10.983	129	22813	18.805	ug/l	96
61) 1,2-Dibromoethane	11.087	107	18058	18.209	ug/l	96
64) Tetrachloroethene	10.721	164	21429	20.178	ug/l	95
65) Chlorobenzene	11.514	112	64760	19.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23793	19.403	ug/l	96
67) Ethyl Benzene	11.593	91	115509	19.139	ug/l	96
68) m/p-Xylenes	11.703	106	93313	38.087	ug/l	90
69) o-Xylene	12.026	106	42289	18.588	ug/l	90
70) Styrene	12.044	104	71394	18.247	ug/l	94
71) Bromoform	12.209	173	13732	16.893	ug/l #	99
73) Isopropylbenzene	12.330	105	113295	19.245	ug/l	99
74) N-amyl acetate	12.141	43	26748	19.693	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.580	83	23443	19.331	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	16293m	19.271	ug/l	
77) Bromobenzene	12.605	156	26569	19.469	ug/l	93
78) n-propylbenzene	12.672	91	145010	21.320	ug/l	100
79) 2-Chlorotoluene	12.757	91	77835	19.839	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	94799	19.212	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	8302	20.154	ug/l #	83
82) 4-Chlorotoluene	12.855	91	82702	19.708	ug/l	97
83) tert-Butylbenzene	13.074	119	84518	19.306	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	95163	19.427	ug/l	97
85) sec-Butylbenzene	13.251	105	134147	20.028	ug/l	100
86) p-Isopropyltoluene	13.367	119	109991	19.692	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	56554	19.427	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	54960	18.792	ug/l	99
89) n-Butylbenzene	13.696	91	106829	20.906	ug/l	98
90) Hexachloroethane	13.958	117	20720	19.795	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	48845	19.008	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3322	17.644	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	26514	18.800	ug/l	100
94) Hexachlorobutadiene	15.110	225	14788	19.239	ug/l	98
95) Naphthalene	15.232	128	50375	17.781	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	23159	18.897	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

