

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007822.D
 Acq On : 10 Mar 2022 13:41
 Operator : SY/MD
 Sample : VY0310SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0310SBS01

Manual Integrations
 APPROVED

Reviewed By :John

Carlone

03/11/2022

Supervised By :Mahesh

Dadoda

03/11/2022

Quant Time: Mar 10 23:55:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	253138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	395740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	347591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180858	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	130193	49.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.716	113	129220	51.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.179	98	451820	48.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.483	95	149197	49.697	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	38189	20.821	ug/l	99
3) Chloromethane	2.119	50	62960	20.464	ug/l	95
4) Vinyl Chloride	2.253	62	80435	21.181	ug/l	100
5) Bromomethane	2.644	94	75933	24.740	ug/l	99
6) Chloroethane	2.796	64	61414	21.087	ug/l	100
7) Trichlorofluoromethane	3.125	101	96502	22.241	ug/l	99
8) Diethyl Ether	3.528	74	29746	21.306	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	60953	23.013	ug/l	93
10) Methyl Iodide	4.095	142	54482	16.907	ug/l	95
11) Tert butyl alcohol	4.954	59	18321	79.850	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	51328	21.835	ug/l	88
13) Acrolein	3.729	56	21468	86.186	ug/l	96
14) Allyl chloride	4.485	41	76877	21.743	ug/l #	87
15) Acrylonitrile	5.167	53	72692	98.638	ug/l	97
16) Acetone	3.948	43	62442	115.825	ug/l	95
17) Carbon Disulfide	4.198	76	131671	21.038	ug/l	99
18) Methyl Acetate	4.479	43	37381	20.359	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	142350	19.511	ug/l	95
20) Methylene Chloride	4.716	84	68022	24.021	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	60228	21.958	ug/l	89
22) Diisopropyl ether	6.119	45	191595	22.683	ug/l	95
23) Vinyl Acetate	6.064	43	545326	102.092	ug/l	98
24) 1,1-Dichloroethane	6.015	63	111921	21.930	ug/l	98
25) 2-Butanone	6.984	43	92935	102.762	ug/l	93
26) 2,2-Dichloropropane	6.978	77	100284	22.080	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	68041	21.155	ug/l	93
28) Bromochloromethane	7.338	49	44958	20.714	ug/l	96
29) Tetrahydrofuran	7.350	42	59484	96.128	ug/l	89
30) Chloroform	7.509	83	116339	22.003	ug/l	93
31) Cyclohexane	7.783	56	98853	21.995	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	105458	22.411	ug/l	98
36) 1,1-Dichloropropene	7.917	75	83673	21.023	ug/l	98
37) Ethyl Acetate	7.076	43	44062	20.044	ug/l	99
38) Carbon Tetrachloride	7.905	117	95534	22.502	ug/l	96
39) Methylcyclohexane	9.185	83	101610	20.773	ug/l	89
40) Benzene	8.161	78	246234	22.230	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	21485m	20.452	ug/l	
42) 1,2-Dichloroethane	8.240	62	73928	21.389	ug/l	95
43) Isopropyl Acetate	8.271	43	78622	19.340	ug/l #	91
44) Trichloroethene	8.941	130	65819	21.395	ug/l	99
45) 1,2-Dichloropropane	9.222	63	62413	21.789	ug/l	99
46) Dibromomethane	9.307	93	35894	20.876	ug/l	95
47) Bromodichloromethane	9.496	83	92370	22.904	ug/l	97
48) Methyl methacrylate	9.295	41	34810	19.754	ug/l #	85
49) 1,4-Dioxane	9.295	88	7808	376.143	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	208739	95.962	ug/l	94
52) Toluene	10.246	92	157781	22.030	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	86435	20.875	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	97424	21.297	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	49213	21.039	ug/l	97
56) Ethyl methacrylate	10.508	69	55785	17.963	ug/l	93
57) 1,3-Dichloropropane	10.788	76	81631	20.637	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	150788	89.031	ug/l	99
59) 2-Hexanone	10.831	43	141131	96.345	ug/l	94
60) Dibromochloromethane	10.984	129	60001	21.542	ug/l	100
61) 1,2-Dibromoethane	11.087	107	45372	20.350	ug/l	100
64) Tetrachloroethene	10.721	164	54943	21.325	ug/l	98
65) Chlorobenzene	11.514	112	166996	22.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61186	21.606	ug/l	95
67) Ethyl Benzene	11.593	91	298064	21.826	ug/l	98
68) m/p-Xylenes	11.703	106	232292	44.331	ug/l	92
69) o-Xylene	12.032	106	109254	22.003	ug/l	91
70) Styrene	12.044	104	180548	21.715	ug/l	97
71) Bromoform	12.209	173	35072	19.890	ug/l #	98
73) Isopropylbenzene	12.331	105	292206	20.739	ug/l	100
74) N-amyl acetate	12.142	43	67741	18.061	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	55826	18.891	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41750m	20.671	ug/l	
77) Bromobenzene	12.611	156	67926	20.930	ug/l	92
78) n-propylbenzene	12.672	91	363846	21.400	ug/l	100
79) 2-Chlorotoluene	12.758	91	191078	21.002	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	237410	21.073	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	17359	17.571	ug/l	96
82) 4-Chlorotoluene	12.855	91	202339	21.622	ug/l	96
83) tert-Butylbenzene	13.075	119	212267	20.483	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	235384	21.211	ug/l	97
85) sec-Butylbenzene	13.251	105	328945	21.458	ug/l	99
86) p-Isopropyltoluene	13.367	119	270785	21.387	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	135686	21.010	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	136740	21.453	ug/l	99
89) n-Butylbenzene	13.696	91	260747	21.790	ug/l	98
90) Hexachloroethane	13.965	117	52361	21.817	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	119279	20.800	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8076	18.046	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	69847	19.239	ug/l	99
94) Hexachlorobutadiene	15.111	225	42918	19.995	ug/l	98
95) Naphthalene	15.239	128	125227	16.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60900	18.822	ug/l	99

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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

