

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062221\
 Data File : VY005195.D
 Acq On : 22 Jun 2021 13:44
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 6/23/2021 5:30:31 PM

Quant Time: Jun 23 07:06:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:02:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	352174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	488911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	449647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	228353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	292370	100.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.080%#	
35) Dibromofluoromethane	7.728	113	294413	102.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 204.220%#	
50) Toluene-d8	10.185	98	1188120	103.038	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 206.080%#	
62) 4-Bromofluorobenzene	12.483	95	393419	102.389	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 204.780%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	209460	90.451	ug/l	99
3) Chloromethane	2.119	50	264726	85.834	ug/l	97
4) Vinyl Chloride	2.259	62	316638	89.795	ug/l	98
5) Bromomethane	2.649	94	198348	88.683	ug/l	97
6) Chloroethane	2.796	64	195936	84.971	ug/l	98
7) Trichlorofluoromethane	3.131	101	443422	94.064	ug/l	100
8) Diethyl Ether	3.540	74	166528	94.429	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	273696	94.834	ug/l	99
10) Methyl Iodide	4.100	142	389858	94.960	ug/l	100
11) Tert butyl alcohol	4.978	59	151624	273.084	ug/l	99
12) 1,1-Dichloroethene	3.881	96	276404	94.794	ug/l	99
13) Acrolein	3.741	56	77027	536.387	ug/l	90
14) Allyl chloride	4.491	41	391980	93.587	ug/l	100
15) Acrylonitrile	5.180	53	388829	474.642	ug/l	99
16) Acetone	3.960	43	316457	468.724	ug/l	99
17) Carbon Disulfide	4.204	76	848013	92.467	ug/l	100
18) Methyl Acetate	4.491	43	163977	91.389	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	773801	97.065	ug/l	99
20) Methylene Chloride	4.728	84	324260	67.868	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	308579	95.042	ug/l	97
22) Diisopropyl ether	6.137	45	807037	92.690	ug/l	97
23) Vinyl Acetate	6.076	43	2684953	476.524	ug/l	99
24) 1,1-Dichloroethane	6.033	63	507441	93.905	ug/l	99
25) 2-Butanone	7.002	43	477013	484.541	ug/l	100
26) 2,2-Dichloropropane	6.990	77	444793	94.391	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	348055	95.316	ug/l	100
28) Bromochloromethane	7.344	49	212515	98.293	ug/l	97
29) Tetrahydrofuran	7.362	42	306327	472.937	ug/l	98
30) Chloroform	7.521	83	514661	93.592	ug/l	100
31) Cyclohexane	7.795	56	469951	90.071	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	471427	96.121	ug/l	100
36) 1,1-Dichloropropene	7.929	75	412550	95.826	ug/l	99
37) Ethyl Acetate	7.088	43	209483	94.358	ug/l	99
38) Carbon Tetrachloride	7.911	117	436563	96.870	ug/l	99
39) Methylcyclohexane	9.191	83	547928	98.342	ug/l	99
40) Benzene	8.167	78	1214373	95.660	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	122232m	96.356	ug/l	
42) 1,2-Dichloroethane	8.246	62	329321	95.508	ug/l	100
43) Isopropyl Acetate	8.283	43	394980	96.792	ug/l	99
44) Trichloroethene	8.947	130	352662	98.260	ug/l	100
45) 1,2-Dichloropropane	9.221	63	289998	95.468	ug/l	99
46) Dibromomethane	9.313	93	172740	97.782	ug/l	99
47) Bromodichloromethane	9.502	83	399399	96.421	ug/l	100
48) Methyl methacrylate	9.301	41	176872	98.798	ug/l	100
49) 1,4-Dioxane	9.307	88	47685	2052.637	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	1034177	484.194	ug/l	99
52) Toluene	10.246	92	790292	97.396	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	445066	98.156	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	497115	97.245	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	249796	96.826	ug/l	99
56) Ethyl methacrylate	10.514	69	355361	101.473	ug/l	99
57) 1,3-Dichloropropane	10.794	76	416738	96.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	751411	486.476	ug/l	99
59) 2-Hexanone	10.837	43	719855	490.022	ug/l	98
60) Dibromochloromethane	10.989	129	313414	99.175	ug/l	100
61) 1,2-Dibromoethane	11.093	107	246282	98.139	ug/l	99
64) Tetrachloroethene	10.721	164	322196	97.103	ug/l	99
65) Chlorobenzene	11.520	112	858432	96.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	323120	97.682	ug/l	99
67) Ethyl Benzene	11.599	91	1494773	97.266	ug/l	98
68) m/p-Xylenes	11.709	106	1202129	195.245	ug/l	99
69) o-Xylene	12.032	106	572538	98.201	ug/l	100
70) Styrene	12.050	104	975565	99.515	ug/l	99
71) Bromoform	12.209	173	224394	99.693	ug/l	100
73) Isopropylbenzene	12.331	105	1462432	98.740	ug/l	100
74) N-amyl acetate	12.148	43	343786	98.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	285122	97.698	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	197502m	100.276	ug/l	
77) Bromobenzene	12.611	156	384478	97.829	ug/l	99
78) n-propylbenzene	12.672	91	1694656	97.034	ug/l	99
79) 2-Chlorotoluene	12.757	91	957862	97.226	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1193405	97.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	106641	98.244	ug/l	98
82) 4-Chlorotoluene	12.855	91	978633	96.016	ug/l	100
83) tert-Butylbenzene	13.081	119	1100633	100.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1187537	98.035	ug/l	100
85) sec-Butylbenzene	13.257	105	1539447	96.872	ug/l	99
86) p-Isopropyltoluene	13.373	119	1345660	98.142	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	732743	97.656	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	714833	96.339	ug/l	99
89) n-Butylbenzene	13.696	91	1163513	96.599	ug/l	99
90) Hexachloroethane	13.965	117	242301	97.825	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	644947	96.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	45930	94.482	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	466380	99.481	ug/l	99
94) Hexachlorobutadiene	15.117	225	287297	97.918	ug/l	99
95) Naphthalene	15.239	128	892178	103.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	409604	99.206	ug/l	99

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

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