

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006018.D
 Acq On : 15 Sep 2021 11:22
 Operator : SY/MD
 Sample : VY0915SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0915SBS01

Manual Integrations
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 9/16/2021 7:23:31 PM

Quant Time: Sep 16 01:21:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90182	46.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.680%
35) Dibromofluoromethane	7.722	113	63250	46.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.179	98	275347	47.994	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.483	95	91654	47.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32088	21.683	ug/l	99
3) Chloromethane	2.119	50	36455	19.810	ug/l	99
4) Vinyl Chloride	2.253	62	41083	19.773	ug/l	99
5) Bromomethane	2.650	94	29108	21.594	ug/l	97
6) Chloroethane	2.796	64	24621	19.759	ug/l	95
7) Trichlorofluoromethane	3.131	101	54260	20.033	ug/l	97
8) Diethyl Ether	3.534	74	17610	19.777	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	27005	19.970	ug/l	99
10) Methyl Iodide	4.101	142	24216	16.916	ug/l	99
11) Tert butyl alcohol	4.936	59	39510	106.162	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	26925	19.250	ug/l	95
13) Acrolein	3.735	56	10291	88.015	ug/l	94
14) Allyl chloride	4.485	41	57368	19.214	ug/l	99
15) Acrylonitrile	5.167	53	47332	93.322	ug/l	99
16) Acetone	3.954	43	50586	94.781	ug/l	98
17) Carbon Disulfide	4.198	76	93663	20.051	ug/l	100
18) Methyl Acetate	4.485	43	24134	17.951	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	86246	19.126	ug/l	97
20) Methylene Chloride	4.722	84	39437	20.986	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	30844	19.665	ug/l	95
22) Diisopropyl ether	6.125	45	113183	19.508	ug/l	96
23) Vinyl Acetate	6.064	43	345691	94.427	ug/l	99
24) 1,1-Dichloroethane	6.021	63	58622	19.721	ug/l	99
25) 2-Butanone	6.990	43	66435	90.312	ug/l	94
26) 2,2-Dichloropropane	6.984	77	56530	20.075	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	34744	19.856	ug/l	99
28) Bromochloromethane	7.338	49	24108	18.462	ug/l	97
29) Tetrahydrofuran	7.350	42	41131	88.964	ug/l	99
30) Chloroform	7.508	83	58834	19.740	ug/l	99
31) Cyclohexane	7.789	56	59740	19.165	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	55594	19.866	ug/l	100
36) 1,1-Dichloropropene	7.923	75	45571	19.482	ug/l	100
37) Ethyl Acetate	7.082	43	30715	19.008	ug/l	99
38) Carbon Tetrachloride	7.905	117	49719	19.524	ug/l	96
39) Methylcyclohexane	9.185	83	54755	18.886	ug/l	97
40) Benzene	8.161	78	130793	19.498	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16081m	17.039	ug/l	
42) 1,2-Dichloroethane	8.240	62	44997	18.969	ug/l	98
43) Isopropyl Acetate	8.277	43	54534	18.118	ug/l	100
44) Trichloroethene	8.941	130	33590	20.095	ug/l	97
45) 1,2-Dichloropropane	9.222	63	31590	19.037	ug/l	96
46) Dibromomethane	9.307	93	16970	18.894	ug/l	98
47) Bromodichloromethane	9.502	83	45358	19.620	ug/l	96
48) Methyl methacrylate	9.295	41	25511	18.342	ug/l	99
49) 1,4-Dioxane	9.301	88	4609	371.837	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	144002	89.742	ug/l	99
52) Toluene	10.246	92	80626	19.505	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	48906	19.258	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	53084	19.382	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	24296	19.685	ug/l	94
56) Ethyl methacrylate	10.514	69	35989	18.240	ug/l	98
57) 1,3-Dichloropropane	10.794	76	43525	19.133	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	95845	92.792	ug/l	100
59) 2-Hexanone	10.837	43	100916	91.098	ug/l	99
60) Dibromochloromethane	10.983	129	29518	19.398	ug/l	99
61) 1,2-Dibromoethane	11.093	107	22770	19.532	ug/l	95
64) Tetrachloroethene	10.721	164	32261	19.578	ug/l	96
65) Chlorobenzene	11.520	112	83563	19.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31202	19.419	ug/l	99
67) Ethyl Benzene	11.593	91	159355	19.447	ug/l	100
68) m/p-Xylenes	11.703	106	121312	39.043	ug/l	99
69) o-Xylene	12.032	106	57114	19.462	ug/l	98
70) Styrene	12.044	104	97690	19.432	ug/l	100
71) Bromoform	12.209	173	19425	19.308	ug/l #	98
73) Isopropylbenzene	12.331	105	152957	19.301	ug/l	99
74) N-amyl acetate	12.148	43	48499	17.722	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	26974	18.294	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	19658m	18.219	ug/l	
77) Bromobenzene	12.611	156	35544	19.222	ug/l	97
78) n-propylbenzene	12.672	91	188783	19.253	ug/l	99
79) 2-Chlorotoluene	12.758	91	103107	19.340	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	129243	19.664	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10676	18.191	ug/l	99
82) 4-Chlorotoluene	12.855	91	107844	19.571	ug/l	100
83) tert-Butylbenzene	13.075	119	108833	19.361	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	128110	19.647	ug/l	100
85) sec-Butylbenzene	13.251	105	163542	19.435	ug/l	100
86) p-Isopropyltoluene	13.373	119	140070	19.497	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	70380	19.735	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	69545	19.442	ug/l	98
89) n-Butylbenzene	13.696	91	130750	19.462	ug/l	99
90) Hexachloroethane	13.959	117	24774	19.162	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	61806	19.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5145	17.588	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	38969	19.168	ug/l	100
94) Hexachlorobutadiene	15.111	225	24929	18.953	ug/l	98
95) Naphthalene	15.239	128	74212	18.354	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33813	19.193	ug/l	99

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

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