

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062221\
 Data File : VY005193.D
 Acq On : 22 Jun 2021 12:58
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 6/23/2021 5:30:27 PM

Quant Time: Jun 23 07:04:57 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	341991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	479705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	435545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	227593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	54234	19.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.220%#
35) Dibromofluoromethane	7.728	113	54972	19.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.860%#
50) Toluene-d8	10.185	98	220034	19.448	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.900%#
62) 4-Bromofluorobenzene	12.483	95	73463	19.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47761	21.239	ug/l	98
3) Chloromethane	2.119	50	60231	20.111	ug/l	96
4) Vinyl Chloride	2.253	62	69955	20.429	ug/l	99
5) Bromomethane	2.643	94	42854	19.731	ug/l	98
6) Chloroethane	2.796	64	47141	21.052	ug/l	97
7) Trichlorofluoromethane	3.125	101	93756	20.481	ug/l	97
8) Diethyl Ether	3.533	74	33774	19.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	56514	20.165	ug/l	100
10) Methyl Iodide	4.100	142	78788	19.762	ug/l	100
11) Tert butyl alcohol	4.966	59	57493	106.631	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	56523	19.962	ug/l	98
13) Acrolein	3.735	56	13312	95.460	ug/l	97
14) Allyl chloride	4.491	41	81733	20.095	ug/l	99
15) Acrylonitrile	5.180	53	78989	99.293	ug/l	100
16) Acetone	3.960	43	62953	96.020	ug/l	95
17) Carbon Disulfide	4.204	76	180109	20.224	ug/l	99
18) Methyl Acetate	4.484	43	34794	19.969	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	151867	19.617	ug/l	97
20) Methylene Chloride	4.728	84	94522	20.373	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	62760	19.906	ug/l	97
22) Diisopropyl ether	6.131	45	170215	20.132	ug/l	98
23) Vinyl Acetate	6.070	43	550669	100.643	ug/l	99
24) 1,1-Dichloroethane	6.027	63	105203	20.048	ug/l	99
25) 2-Butanone	7.002	43	94608	98.962	ug/l	98
26) 2,2-Dichloropropane	6.990	77	91271	19.946	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	70135	19.779	ug/l	99
28) Bromochloromethane	7.344	49	39927	19.017	ug/l	99
29) Tetrahydrofuran	7.362	42	61919	98.443	ug/l	99
30) Chloroform	7.521	83	105711	19.796	ug/l	99
31) Cyclohexane	7.789	56	100776	19.890	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	95249	19.999	ug/l	99
36) 1,1-Dichloropropene	7.923	75	85675	20.282	ug/l	98
37) Ethyl Acetate	7.088	43	43259	19.859	ug/l	98
38) Carbon Tetrachloride	7.905	117	88963	20.119	ug/l	98
39) Methylcyclohexane	9.185	83	109208	19.977	ug/l	99
40) Benzene	8.167	78	248094	19.918	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	21636m	17.383	ug/l	
42) 1,2-Dichloroethane	8.246	62	68311	20.191	ug/l	98
43) Isopropyl Acetate	8.283	43	77838	19.441	ug/l	99
44) Trichloroethene	8.947	130	69735	19.803	ug/l	97
45) 1,2-Dichloropropane	9.221	63	60040	20.145	ug/l	97
46) Dibromomethane	9.313	93	33935	19.578	ug/l	99
47) Bromodichloromethane	9.502	83	80231	19.741	ug/l	99
48) Methyl methacrylate	9.295	41	34452	19.614	ug/l	100
49) 1,4-Dioxane	9.301	88	8785	385.414	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	209108	99.782	ug/l	100
52) Toluene	10.246	92	159300	20.009	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	89118	20.031	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	99164	19.771	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	50226	19.842	ug/l	98
56) Ethyl methacrylate	10.514	69	67714	19.707	ug/l	99
57) 1,3-Dichloropropane	10.794	76	85084	20.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	162178	107.012	ug/l	100
59) 2-Hexanone	10.837	43	143041	99.240	ug/l	99
60) Dibromochloromethane	10.989	129	61351	19.786	ug/l	100
61) 1,2-Dibromoethane	11.093	107	48465	19.683	ug/l	100
64) Tetrachloroethene	10.721	164	63866	19.871	ug/l	99
65) Chlorobenzene	11.520	112	172007	19.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	63450	19.802	ug/l	98
67) Ethyl Benzene	11.593	91	296187	19.897	ug/l	99
68) m/p-Xylenes	11.703	106	238060	39.917	ug/l	100
69) o-Xylene	12.032	106	112256	19.877	ug/l	99
70) Styrene	12.044	104	188937	19.897	ug/l	100
71) Bromoform	12.209	173	42873	19.664	ug/l #	100
73) Isopropylbenzene	12.331	105	292294	19.801	ug/l	100
74) N-amyl acetate	12.148	43	68454	19.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	57230	19.675	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	39616m	20.181	ug/l	
77) Bromobenzene	12.611	156	77220	19.714	ug/l	99
78) n-propylbenzene	12.672	91	347994	19.992	ug/l	100
79) 2-Chlorotoluene	12.757	91	195258	19.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	243765	19.962	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	20748	19.178	ug/l	97
82) 4-Chlorotoluene	12.855	91	202701	19.954	ug/l	100
83) tert-Butylbenzene	13.074	119	215406	19.786	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	241142	19.974	ug/l	99
85) sec-Butylbenzene	13.257	105	317504	20.046	ug/l	100
86) p-Isopropyltoluene	13.373	119	272803	19.963	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	147789	19.762	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	147059	19.886	ug/l	99
89) n-Butylbenzene	13.696	91	240660	20.047	ug/l	99
90) Hexachloroethane	13.964	117	49122	19.898	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	130820	19.733	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9595	19.804	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	89854	19.230	ug/l	99
94) Hexachlorobutadiene	15.111	225	57587	19.693	ug/l	99
95) Naphthalene	15.239	128	164094	19.027	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78577	19.095	ug/l	99

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

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