

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005141.D
 Acq On : 15 Jun 2021 11:04
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:55:26 PM

Quant Time: Jun 16 04:14:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:12:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	187855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	262498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20101	11.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.140%#
35) Dibromofluoromethane	7.722	113	17417	12.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	24.000%#
50) Toluene-d8	10.185	98	71208	11.568	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	23.140%#
62) 4-Bromofluorobenzene	12.483	95	23292	11.250	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	22.500%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	24652	11.878	ug/l	99
3) Chloromethane	2.119	50	23447	10.956	ug/l	98
4) Vinyl Chloride	2.253	62	22388	10.897	ug/l	95
5) Bromomethane	2.656	94	12441	10.610	ug/l	95
6) Chloroethane	2.802	64	12143	10.398	ug/l	98
7) Trichlorofluoromethane	3.131	101	36393	10.597	ug/l	95
8) Diethyl Ether	3.540	74	11699	10.478	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	19906	10.707	ug/l	96
10) Methyl Iodide	4.107	142	21567	10.321	ug/l	100
11) Tert butyl alcohol	4.979	59	8375	45.794	ug/l	98
12) 1,1-Dichloroethene	3.881	96	19534	10.724	ug/l	99
13) Acrolein	3.741	56	9236	52.225	ug/l	99
14) Allyl chloride	4.491	41	26339	10.376	ug/l	98
15) Acrylonitrile	5.186	53	23560	47.021	ug/l	99
16) Acetone	3.960	43	17483	47.323	ug/l	92
17) Carbon Disulfide	4.198	76	60152	11.085	ug/l	100
18) Methyl Acetate	4.491	43	10711	9.878	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	48138	9.667	ug/l	98
20) Methylene Chloride	4.729	84	29144	11.543	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	20762	10.576	ug/l	94
22) Diisopropyl ether	6.131	45	52612	10.241	ug/l	91
23) Vinyl Acetate	6.070	43	167707	49.490	ug/l	95
24) 1,1-Dichloroethane	6.033	63	33879	10.478	ug/l	97
25) 2-Butanone	6.996	43	26241	46.690	ug/l	99
26) 2,2-Dichloropropane	6.996	77	32028	10.359	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	21961	10.313	ug/l	98
28) Bromochloromethane	7.344	49	12827	10.571	ug/l	98
29) Tetrahydrofuran	7.362	42	17488	45.812	ug/l	99
30) Chloroform	7.515	83	35382	10.252	ug/l	97
31) Cyclohexane	7.795	56	32833	10.627	ug/l #	90
32) 1,1,1-Trichloroethane	7.710	97	34507	10.372	ug/l	99
36) 1,1-Dichloropropene	7.929	75	27739	10.483	ug/l	98
37) Ethyl Acetate	7.082	43	12847	9.528	ug/l	98
38) Carbon Tetrachloride	7.905	117	28586	10.176	ug/l	99
39) Methylcyclohexane	9.185	83	33816	10.311	ug/l	99
40) Benzene	8.167	78	78928	10.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	7428	9.698	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	23498	10.000	ug/l	100
43) Isopropyl Acetate	8.283	43	23426	9.481	ug/l	99
44) Trichloroethene	8.947	130	23119	10.449	ug/l	99
45) 1,2-Dichloropropane	9.222	63	17654	10.234	ug/l	100
46) Dibromomethane	9.313	93	10838	10.078	ug/l	98
47) Bromodichloromethane	9.502	83	26602	10.271	ug/l	96
48) Methyl methacrylate	9.301	41	10592	9.575	ug/l	98
49) 1,4-Dioxane	9.301	88	2490	179.282	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	59289	46.925	ug/l	99
52) Toluene	10.246	92	49654	10.353	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	27653	9.982	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	31688	10.334	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	15156	10.146	ug/l	96
56) Ethyl methacrylate	10.514	69	18692	9.262	ug/l	97
57) 1,3-Dichloropropane	10.795	76	26145	10.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	42724	48.179	ug/l	98
59) 2-Hexanone	10.837	43	40075	45.864	ug/l	100
60) Dibromochloromethane	10.990	129	18290	9.856	ug/l	100
61) 1,2-Dibromoethane	11.093	107	14788	10.139	ug/l	97
64) Tetrachloroethene	10.721	164	24230	10.345	ug/l	96
65) Chlorobenzene	11.520	112	53840	10.396	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	20103	10.468	ug/l	97
67) Ethyl Benzene	11.599	91	93805	10.244	ug/l	99
68) m/p-Xylenes	11.703	106	74195	20.610	ug/l	100
69) o-Xylene	12.032	106	34650	10.234	ug/l	98
70) Styrene	12.044	104	58408	10.195	ug/l	99
71) Bromoform	12.209	173	11769	10.004	ug/l #	99
73) Isopropylbenzene	12.331	105	93421	10.336	ug/l	99
74) N-amyl acetate	12.148	43	20071	9.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	15589	9.932	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	12043m	12.060	ug/l	
77) Bromobenzene	12.611	156	22489	10.458	ug/l	98
78) n-propylbenzene	12.672	91	112230	10.388	ug/l	99
79) 2-Chlorotoluene	12.758	91	62858	10.407	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	79737	10.330	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	6039	9.736	ug/l	94
82) 4-Chlorotoluene	12.855	91	65171	10.437	ug/l	99
83) tert-Butylbenzene	13.075	119	69255	10.252	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	78196	10.254	ug/l	97
85) sec-Butylbenzene	13.258	105	101323	10.413	ug/l	99
86) p-Isopropyltoluene	13.373	119	85253	10.211	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	43517	10.366	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	43911	10.462	ug/l	97
89) n-Butylbenzene	13.696	91	78627	10.346	ug/l	99
90) Hexachloroethane	13.965	117	14479	10.640	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	39008	10.332	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2999	9.591	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	24470	10.099	ug/l	100
94) Hexachlorobutadiene	15.117	225	14615	10.438	ug/l	98
95) Naphthalene	15.239	128	46613	9.138	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	21702	9.999	ug/l	99

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

