

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005070.D
 Acq On : 10 Jun 2021 11:24
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:06:31 PM

Quant Time: Jun 11 05:03:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	344002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	315773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106064	48.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.722	113	93494	50.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.040%
50) Toluene-d8	10.185	98	388980	50.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.483	95	130205	49.254	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41778	22.400	ug/l	97
3) Chloromethane	2.119	50	54075	21.234	ug/l	98
4) Vinyl Chloride	2.253	62	51108	20.860	ug/l	98
5) Bromomethane	2.656	94	26954	19.411	ug/l	95
6) Chloroethane	2.796	64	29534	20.153	ug/l	98
7) Trichlorofluoromethane	3.125	101	74812	21.589	ug/l	98
8) Diethyl Ether	3.534	74	26542	19.727	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	45083	21.330	ug/l	99
10) Methyl Iodide	4.101	142	43907	21.761	ug/l	98
11) Tert butyl alcohol	4.972	59	20982	84.026	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	42144	19.966	ug/l	99
13) Acrolein	3.735	56	24734	90.583	ug/l	99
14) Allyl chloride	4.491	41	74051	19.241	ug/l	97
15) Acrylonitrile	5.174	53	61782	97.648	ug/l	99
16) Acetone	3.960	43	49397	94.505	ug/l	98
17) Carbon Disulfide	4.198	76	133488	20.565	ug/l	98
18) Methyl Acetate	4.491	43	31870	19.027	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	106727	19.642	ug/l	96
20) Methylene Chloride	4.722	84	57947	19.408	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	48552	20.492	ug/l	97
22) Diisopropyl ether	6.125	45	142679	20.195	ug/l	99
23) Vinyl Acetate	6.070	43	498467	96.975	ug/l	100
24) 1,1-Dichloroethane	6.027	63	86950	20.449	ug/l	98
25) 2-Butanone	6.996	43	81630	92.875	ug/l	96
26) 2,2-Dichloropropane	6.984	77	73814	20.539	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	53087	20.446	ug/l	99
28) Bromochloromethane	7.344	49	38479	20.257	ug/l	97
29) Tetrahydrofuran	7.356	42	50456	90.264	ug/l	97
30) Chloroform	7.515	83	85132	21.114	ug/l	99
31) Cyclohexane	7.789	56	74866	19.584	ug/l #	90
32) 1,1,1-Trichloroethane	7.704	97	75290	21.287	ug/l	99
36) 1,1-Dichloropropene	7.923	75	67723	20.116	ug/l	99
37) Ethyl Acetate	7.076	43	40357	18.223	ug/l	98
38) Carbon Tetrachloride	7.905	117	62238	21.242	ug/l	97
39) Methylcyclohexane	9.185	83	74540	20.044	ug/l	98
40) Benzene	8.167	78	200625	20.827	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21024m	17.269	ug/l	
42) 1,2-Dichloroethane	8.240	62	56605	20.354	ug/l	98
43) Isopropyl Acetate	8.277	43	71634	18.018	ug/l	96
44) Trichloroethene	8.941	130	53020	21.030	ug/l	98
45) 1,2-Dichloropropane	9.222	63	51598	20.466	ug/l	94
46) Dibromomethane	9.307	93	27533	20.448	ug/l	98
47) Bromodichloromethane	9.502	83	66201	20.942	ug/l	97
48) Methyl methacrylate	9.295	41	31622	17.481	ug/l	94
49) 1,4-Dioxane	9.301	88	5795	356.484	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	187482	89.952	ug/l	97
52) Toluene	10.246	92	122732	21.056	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	70758	20.224	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	81448	20.489	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	40156	21.457	ug/l	98
56) Ethyl methacrylate	10.514	69	51348	19.165	ug/l	94
57) 1,3-Dichloropropane	10.794	76	67775	20.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	138342	102.173	ug/l	98
59) 2-Hexanone	10.837	43	127166	90.267	ug/l	99
60) Dibromochloromethane	10.990	129	45357	21.307	ug/l	99
61) 1,2-Dibromoethane	11.093	107	37265	20.761	ug/l	99
64) Tetrachloroethene	10.721	164	55896	21.169	ug/l	99
65) Chlorobenzene	11.520	112	129974	20.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	46399	20.803	ug/l	99
67) Ethyl Benzene	11.593	91	233861	20.226	ug/l	99
68) m/p-Xylenes	11.703	106	176810	40.814	ug/l	100
69) o-Xylene	12.032	106	82518	20.455	ug/l	99
70) Styrene	12.044	104	140947	20.970	ug/l	98
71) Bromoform	12.209	173	27246	20.718	ug/l #	99
73) Isopropylbenzene	12.331	105	222550	19.383	ug/l	99
74) N-amyl acetate	12.148	43	63428	17.122	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	43570	18.903	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	32603m	19.567	ug/l	
77) Bromobenzene	12.611	156	50607	19.726	ug/l	97
78) n-propylbenzene	12.672	91	273273	19.745	ug/l	99
79) 2-Chlorotoluene	12.758	91	151103	19.585	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	190083	20.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	16157	17.821	ug/l	99
82) 4-Chlorotoluene	12.855	91	157282	19.950	ug/l	99
83) tert-Butylbenzene	13.081	119	161307	20.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	189757	20.158	ug/l	100
85) sec-Butylbenzene	13.257	105	235302	20.172	ug/l	100
86) p-Isopropyltoluene	13.373	119	202761	20.263	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	99296	20.332	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	98810	20.287	ug/l	99
89) n-Butylbenzene	13.696	91	196515	20.419	ug/l	99
90) Hexachloroethane	13.965	117	30388	20.461	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	88885	20.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7066	18.515	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	54384	20.069	ug/l	99
94) Hexachlorobutadiene	15.111	225	30673	21.454	ug/l	98
95) Naphthalene	15.239	128	112907	18.953	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	48005	20.123	ug/l	98

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

