

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019069.D
 Acq On : 24 May 2021 17:09
 Operator : SY/VA
 Sample : VW0524SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:44 PM

Quant Time: May 25 04:17:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 14:01:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	363937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	600777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	541181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	264219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	235800	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	7.885	113	212006	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.323	98	843040	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.615	95	297285	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	55785	21.76	ug/l	99
3) Chloromethane	2.215	50	56428	19.92	ug/l	99
4) Vinyl Chloride	2.367	62	91854	20.69	ug/l	97
5) Bromomethane	2.776	94	72389	20.15	ug/l	99
6) Chloroethane	2.922	64	59742	20.25	ug/l	100
7) Trichlorofluoromethane	3.257	101	43992	17.07	ug/l	99
8) Diethyl Ether	3.684	74	43392	21.36	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	79877	20.52	ug/l	98
10) Methyl Iodide	4.275	142	112955	20.43	ug/l	100
11) Tert butyl alcohol	5.184	59	30518	136.77	ug/l	96
12) 1,1-Dichloroethene	4.044	96	80895	19.97	ug/l	97
13) Acrolein	3.897	56	31042	112.60	ug/l	98
14) Allyl chloride	4.672	41	103832	19.18	ug/l	99
15) Acrylonitrile	5.367	53	81774	109.54	ug/l	99
16) Acetone	4.129	43	69209	98.56	ug/l	99
17) Carbon Disulfide	4.391	76	217669	19.86	ug/l	99
18) Methyl Acetate	4.666	43	41589	21.90	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	102129	20.72	ug/l	99
20) Methylene Chloride	4.928	84	116320	24.53	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	90777	20.09	ug/l	98
22) Diisopropyl ether	6.312	45	215380	20.54	ug/l	97
23) Vinyl Acetate	6.257	43	721531	104.40	ug/l	99
24) 1,1-Dichloroethane	6.220	63	166272	20.47	ug/l	99
25) 2-Butanone	7.171	43	113707	109.71	ug/l	100
26) 2,2-Dichloropropane	7.171	77	91675	19.74	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	102198	20.58	ug/l	99
28) Bromochloromethane	7.519	49	68689	21.36	ug/l	97
29) Tetrahydrofuran	7.531	42	64732	110.25	ug/l	98
30) Chloroform	7.677	83	171083	20.90	ug/l	100
31) Cyclohexane	7.958	56	135627	19.63	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	125913	20.00	ug/l	98
36) 1,1-Dichloropropene	8.086	75	135106	20.15	ug/l	100
37) Ethyl Acetate	7.257	43	53660	22.14	ug/l	99
38) Carbon Tetrachloride	8.074	117	116191	19.52	ug/l	100
39) Methylcyclohexane	9.336	83	144739	19.43	ug/l	96
40) Benzene	8.324	78	376510	20.60	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	30635	21.63	ug/l	90
42) 1,2-Dichloroethane	8.403	62	113454	21.04	ug/l	99
43) Isopropyl Acetate	8.427	43	101297	21.68	ug/l	98
44) Trichloroethene	9.092	130	96411	20.07	ug/l	99
45) 1,2-Dichloropropane	9.372	63	92919	20.94	ug/l	98
46) Dibromomethane	9.457	93	49253	21.34	ug/l	98
47) Bromodichloromethane	9.646	83	120629	20.27	ug/l	97
48) Methyl methacrylate	9.439	41	44299	20.27	ug/l	100
49) 1,4-Dioxane	9.451	88	12804	461.81	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	261134	110.02	ug/l	99
52) Toluene	10.390	92	233925	20.09	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	119613	20.20	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	143324	20.41	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	68573	20.99	ug/l	97
56) Ethyl methacrylate	10.646	69	86527	21.14	ug/l	97
57) 1,3-Dichloropropane	10.933	76	122545	21.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	224029	108.32	ug/l	99
59) 2-Hexanone	10.969	43	173763	108.87	ug/l	99
60) Dibromochloromethane	11.128	129	73915	20.26	ug/l	98
61) 1,2-Dibromoethane	11.232	107	64100	20.85	ug/l	96
64) Tetrachloroethene	10.866	164	77480	19.96	ug/l	96
65) Chlorobenzene	11.658	112	242613	20.14	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	81639	19.83	ug/l	98
67) Ethyl Benzene	11.731	91	460142	20.16	ug/l	96
68) m/p-Xylenes	11.841	106	345532	41.26	ug/l	99
69) o-Xylene	12.164	106	160518	20.29	ug/l	100
70) Styrene	12.183	104	270920	20.49	ug/l	99
71) Bromoform	12.347	173	38434	19.40	ug/l #	97
73) Isopropylbenzene	12.463	105	442796	20.53	ug/l	99
74) N-amyl acetate	12.274	43	92055	21.25	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	81909	22.26	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	53551m	21.25	ug/l	
77) Bromobenzene	12.750	156	96198	20.88	ug/l	96
78) n-propylbenzene	12.804	91	540744	20.24	ug/l	99
79) 2-Chlorotoluene	12.890	91	304959	20.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	370619	20.39	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	22821	20.46	ug/l	97
82) 4-Chlorotoluene	12.987	91	322716	20.33	ug/l	100
83) tert-Butylbenzene	13.207	119	316559	20.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	364216	20.07	ug/l	100
85) sec-Butylbenzene	13.384	105	458784	19.73	ug/l	99
86) p-Isopropyltoluene	13.499	119	396776	20.03	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	197613	20.71	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	192786	20.52	ug/l	99
89) n-Butylbenzene	13.823	91	401675	20.27	ug/l	99
90) Hexachloroethane	14.091	117	61463	19.63	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	174576	21.02	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12636	21.62	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	118201	20.61	ug/l	95
94) Hexachlorobutadiene	15.237	225	61565	18.99	ug/l	87
95) Naphthalene	15.365	128	213848	21.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	103045	21.20	ug/l	97

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

