

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019070.D
 Acq On : 24 May 2021 17:33
 Operator : SY/VA
 Sample : VW0524SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:45 PM

Quant Time: May 25 04:17:47 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	354314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	577304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	525160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	258435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	228231	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.884	113	200435	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.323	98	813124	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.615	95	289533	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	51736	20.73	ug/l	100
3) Chloromethane	2.215	50	54135	19.63	ug/l	98
4) Vinyl Chloride	2.367	62	91003	21.05	ug/l	98
5) Bromomethane	2.776	94	72706	20.79	ug/l	98
6) Chloroethane	2.922	64	59693	20.78	ug/l	99
7) Trichlorofluoromethane	3.257	101	44491	17.74	ug/l	98
8) Diethyl Ether	3.684	74	42056	21.27	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.068	101	79755	21.04	ug/l	98
10) Methyl Iodide	4.275	142	110221	20.48	ug/l	98
11) Tert butyl alcohol	5.178	59	31349	144.31	ug/l	95
12) 1,1-Dichloroethene	4.044	96	79161	20.07	ug/l	89
13) Acrolein	3.897	56	28716	106.99	ug/l	97
14) Allyl chloride	4.672	41	102103	19.37	ug/l	99
15) Acrylonitrile	5.373	53	81330	111.90	ug/l	98
16) Acetone	4.129	43	67321	98.48	ug/l	99
17) Carbon Disulfide	4.391	76	214392	20.10	ug/l	100
18) Methyl Acetate	4.678	43	40849	22.09	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	104859	21.85	ug/l	98
20) Methylene Chloride	4.922	84	113449	24.58	ug/l	94
21) trans-1,2-Dichloroethene	5.428	96	91182	20.72	ug/l	97
22) Diisopropyl ether	6.312	45	214418	21.01	ug/l	98
23) Vinyl Acetate	6.257	43	723818	107.57	ug/l	100
24) 1,1-Dichloroethane	6.220	63	163777	20.71	ug/l	100
25) 2-Butanone	7.171	43	113225	112.21	ug/l	99
26) 2,2-Dichloropropane	7.171	77	91595	20.26	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	102498	21.20	ug/l	100
28) Bromochloromethane	7.513	49	66240	21.16	ug/l	98
29) Tetrahydrofuran	7.531	42	65355	114.34	ug/l	99
30) Chloroform	7.677	83	165955	20.82	ug/l	100
31) Cyclohexane	7.958	56	136771	20.33	ug/l	94
32) 1,1,1-Trichloroethane	7.878	97	124639	20.34	ug/l	98
36) 1,1-Dichloropropene	8.086	75	134415	20.86	ug/l	99
37) Ethyl Acetate	7.257	43	54136	23.24	ug/l	99
38) Carbon Tetrachloride	8.067	117	116532	20.37	ug/l	98
39) Methylcyclohexane	9.335	83	146310	20.44	ug/l	98
40) Benzene	8.323	78	371977	21.18	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	29942	22.00	ug/l	93
42) 1,2-Dichloroethane	8.403	62	112198	21.65	ug/l	99
43) Isopropyl Acetate	8.427	43	99343	22.13	ug/l	99
44) Trichloroethene	9.092	130	93425	20.24	ug/l	98
45) 1,2-Dichloropropane	9.366	63	91028	21.35	ug/l	95
46) Dibromomethane	9.463	93	49024	22.10	ug/l	99
47) Bromodichloromethane	9.646	83	120486	21.07	ug/l	98
48) Methyl methacrylate	9.439	41	44776	21.33	ug/l	97
49) 1,4-Dioxane	9.457	88	12172	456.86	ug/l	91
51) 4-Methyl-2-Pentanone	10.207	43	258464	113.32	ug/l	99
52) Toluene	10.390	92	232852	20.81	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	116895	20.55	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	142848	21.17	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	68402	21.79	ug/l	96
56) Ethyl methacrylate	10.646	69	85221	21.66	ug/l	99
57) 1,3-Dichloropropane	10.933	76	120818	21.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	228832	115.14	ug/l	99
59) 2-Hexanone	10.969	43	173317	113.01	ug/l	99
60) Dibromochloromethane	11.128	129	74329	21.21	ug/l	100
61) 1,2-Dibromoethane	11.238	107	65235	22.08	ug/l	100
64) Tetrachloroethene	10.860	164	76838	20.40	ug/l	92
65) Chlorobenzene	11.658	112	243341	20.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	83582	20.92	ug/l	98
67) Ethyl Benzene	11.731	91	457171	20.64	ug/l	100
68) m/p-Xylenes	11.841	106	343214	42.23	ug/l	99
69) o-Xylene	12.164	106	158989	20.71	ug/l	98
70) Styrene	12.182	104	268385	20.92	ug/l	100
71) Bromoform	12.347	173	40951	21.30	ug/l #	100
73) Isopropylbenzene	12.463	105	445158	21.10	ug/l	98
74) N-amyl acetate	12.274	43	92426	21.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	80538	22.38	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	54335m	22.05	ug/l	
77) Bromobenzene	12.743	156	95661	21.23	ug/l	96
78) n-propylbenzene	12.804	91	541380	20.72	ug/l	100
79) 2-Chlorotoluene	12.890	91	305373	20.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	372820	20.97	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	22601	20.71	ug/l	96
82) 4-Chlorotoluene	12.987	91	319143	20.55	ug/l	100
83) tert-Butylbenzene	13.207	119	320654	21.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	370804	20.89	ug/l	98
85) sec-Butylbenzene	13.383	105	464984	20.44	ug/l	100
86) p-Isopropyltoluene	13.499	119	408762	21.09	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	190714	20.44	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	197498	21.49	ug/l	98
89) n-Butylbenzene	13.822	91	400246	20.65	ug/l	99
90) Hexachloroethane	14.091	117	63223	20.65	ug/l	88
91) 1,2-Dichlorobenzene	13.871	146	171131	21.06	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12732	22.27	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	117506	20.94	ug/l	99
94) Hexachlorobutadiene	15.231	225	69006	21.76	ug/l	97
95) Naphthalene	15.365	128	222214	22.58	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	104598	22.00	ug/l	100

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

