

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
 Data File : VW019078.D
 Acq On : 25 May 2021 15:54
 Operator : SY/VA
 Sample : VW0525SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0525SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:29:31 AM

Quant Time: May 26 03:13:19 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	335884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	577932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	522331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	259425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	240171	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
35) Dibromofluoromethane	7.885	113	210054	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
50) Toluene-d8	10.323	98	859772	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.615	95	297520	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	48945	20.69	ug/l	93
3) Chloromethane	2.215	50	53773	20.57	ug/l	100
4) Vinyl Chloride	2.367	62	91143	22.24	ug/l	99
5) Bromomethane	2.776	94	77146	23.27	ug/l	92
6) Chloroethane	2.922	64	60005	22.04	ug/l	100
7) Trichlorofluoromethane	3.257	101	44054	18.53	ug/l	95
8) Diethyl Ether	3.684	74	42195	22.51	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	77540	21.58	ug/l	99
10) Methyl Iodide	4.282	142	113244	22.20	ug/l	98
11) Tert butyl alcohol	5.190	59	26708	129.69	ug/l	98
12) 1,1-Dichloroethene	4.050	96	79915	21.37	ug/l	94
13) Acrolein	3.897	56	28336	111.37	ug/l	98
14) Allyl chloride	4.672	41	106999	21.42	ug/l	98
15) Acrylonitrile	5.373	53	80838	117.33	ug/l	98
16) Acetone	4.129	43	64438	99.43	ug/l	96
17) Carbon Disulfide	4.391	76	217857	21.54	ug/l	98
18) Methyl Acetate	4.678	43	39361	22.45	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	101810	22.38	ug/l	98
20) Methylene Chloride	4.928	84	106921	24.40	ug/l	91
21) trans-1,2-Dichloroethene	5.428	96	91849	22.02	ug/l	98
22) Diisopropyl ether	6.312	45	218372	22.57	ug/l	98
23) Vinyl Acetate	6.257	43	710237	111.35	ug/l	99
24) 1,1-Dichloroethane	6.220	63	168547	22.48	ug/l	100
25) 2-Butanone	7.177	43	107805	112.70	ug/l	98
26) 2,2-Dichloropropane	7.165	77	89172	20.80	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	101649	22.18	ug/l	97
28) Bromochloromethane	7.519	49	70210	23.66	ug/l	96
29) Tetrahydrofuran	7.537	42	62859	116.00	ug/l	97
30) Chloroform	7.677	83	171266	22.67	ug/l	98
31) Cyclohexane	7.958	56	132978	20.85	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	127628	21.97	ug/l	98
36) 1,1-Dichloropropene	8.086	75	135213	20.96	ug/l	97
37) Ethyl Acetate	7.257	43	52469	22.50	ug/l	99
38) Carbon Tetrachloride	8.067	117	117796	20.57	ug/l	98
39) Methylcyclohexane	9.335	83	142540	19.89	ug/l	98
40) Benzene	8.323	78	382862	21.78	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	28724	21.08	ug/l	93
42) 1,2-Dichloroethane	8.403	62	113419	21.87	ug/l	100
43) Isopropyl Acetate	8.427	43	96675	21.51	ug/l	99
44) Trichloroethene	9.092	130	95921	20.76	ug/l	100
45) 1,2-Dichloropropane	9.372	63	91815	21.51	ug/l	98
46) Dibromomethane	9.457	93	49105	22.12	ug/l	99
47) Bromodichloromethane	9.646	83	121591	21.24	ug/l	96
48) Methyl methacrylate	9.439	41	44578	21.21	ug/l	99
49) 1,4-Dioxane	9.464	88	11982	449.24	ug/l #	81
51) 4-Methyl-2-Pentanone	10.213	43	252101	110.41	ug/l	99
52) Toluene	10.390	92	235566	21.03	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	115433	20.27	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	139822	20.70	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	67753	21.56	ug/l	97
56) Ethyl methacrylate	10.646	69	83146	21.11	ug/l	98
57) 1,3-Dichloropropane	10.933	76	122066	21.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	217379	109.26	ug/l	99
59) 2-Hexanone	10.969	43	163586	106.55	ug/l	100
60) Dibromochloromethane	11.128	129	75610	21.55	ug/l	99
61) 1,2-Dibromoethane	11.238	107	63306	21.40	ug/l	98
64) Tetrachloroethene	10.866	164	78055	20.84	ug/l	93
65) Chlorobenzene	11.658	112	243934	20.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	83813	21.09	ug/l	100
67) Ethyl Benzene	11.731	91	456088	20.70	ug/l	98
68) m/p-Xylenes	11.841	106	340330	42.10	ug/l	99
69) o-Xylene	12.164	106	157849	20.68	ug/l	98
70) Styrene	12.183	104	265324	20.80	ug/l	99
71) Bromoform	12.347	173	39057	20.42	ug/l #	98
73) Isopropylbenzene	12.463	105	435204	20.55	ug/l	99
74) N-amyl acetate	12.274	43	88754	20.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	79387	21.98	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	52024m	21.03	ug/l	
77) Bromobenzene	12.749	156	96831	21.40	ug/l	97
78) n-propylbenzene	12.804	91	544667	20.76	ug/l	100
79) 2-Chlorotoluene	12.890	91	304693	20.60	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	369842	20.72	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	22011	20.10	ug/l	96
82) 4-Chlorotoluene	12.987	91	320892	20.59	ug/l	99
83) tert-Butylbenzene	13.207	119	305393	20.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	374639	21.03	ug/l	99
85) sec-Butylbenzene	13.384	105	467534	20.48	ug/l	98
86) p-Isopropyltoluene	13.499	119	386625	19.88	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	198370	21.18	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	189083	20.50	ug/l	98
89) n-Butylbenzene	13.822	91	384944	19.78	ug/l	99
90) Hexachloroethane	14.091	117	62305	20.27	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	170936	20.96	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12013	20.93	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	110945	19.70	ug/l	99
94) Hexachlorobutadiene	15.231	225	63690	20.01	ug/l	98
95) Naphthalene	15.365	128	209787	21.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	99130	20.77	ug/l	100

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

