

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019249.D
 Acq On : 21 Jun 2021 15:02
 Operator : SY/VA
 Sample : VW0621SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0621SBS01

Manual Integrations
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 6/22/2021 6:11:22 PM

Quant Time: Jun 22 03:12:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	348631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	591535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	552779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	267172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	221221	52.309	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.620%	
35) Dibromofluoromethane	7.884	113	194347	51.582	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.160%	
50) Toluene-d8	10.323	98	788720	52.293	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.580%	
62) 4-Bromofluorobenzene	12.621	95	273497	51.847	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	49146	19.874	ug/l	100
3) Chloromethane	2.214	50	56336	19.266	ug/l	98
4) Vinyl Chloride	2.367	62	88278	19.737	ug/l	100
5) Bromomethane	2.781	94	73701	21.052	ug/l	97
6) Chloroethane	2.928	64	60614	20.403	ug/l	99
7) Trichlorofluoromethane	3.257	101	49166	19.387	ug/l	97
8) Diethyl Ether	3.684	74	39133	20.249	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	76576	20.898	ug/l	96
10) Methyl Iodide	4.281	142	97648	19.914	ug/l	99
11) Tert butyl alcohol	5.202	59	24488	114.016	ug/l	96
12) 1,1-Dichloroethene	4.049	96	76579	20.326	ug/l	88
13) Acrolein	3.903	56	23613	106.048	ug/l	98
14) Allyl chloride	4.671	41	99924	19.759	ug/l	98
15) Acrylonitrile	5.378	53	81655	103.136	ug/l	99
16) Acetone	4.135	43	62617	92.251	ug/l	99
17) Carbon Disulfide	4.391	76	217740	19.582	ug/l	100
18) Methyl Acetate	4.677	43	35759	20.708	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	107058	20.962	ug/l	98
20) Methylene Chloride	4.915	84	102843	20.511	ug/l	97
21) trans-1,2-Dichloroethene	5.433	96	85122	20.300	ug/l	99
22) Diisopropyl ether	6.317	45	224587	20.442	ug/l	99
23) Vinyl Acetate	6.256	43	689376	103.380	ug/l	97
24) 1,1-Dichloroethane	6.220	63	156931	20.266	ug/l	99
25) 2-Butanone	7.177	43	101746	101.637	ug/l	97
26) 2,2-Dichloropropane	7.171	77	85183	20.082	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	93768	20.605	ug/l	97
28) Bromochloromethane	7.518	49	61766	20.151	ug/l	95
29) Tetrahydrofuran	7.537	42	65126	105.035	ug/l	97
30) Chloroform	7.677	83	157978	20.341	ug/l	93
31) Cyclohexane	7.957	56	144947	20.157	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	119236	20.386	ug/l	97
36) 1,1-Dichloropropene	8.085	75	126958	20.280	ug/l	99
37) Ethyl Acetate	7.256	43	47933	20.481	ug/l	99
38) Carbon Tetrachloride	8.073	117	112549	20.565	ug/l	98
39) Methylcyclohexane	9.335	83	154502	20.808	ug/l	98
40) Benzene	8.323	78	347834	20.281	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	26045	19.889	ug/l	93
42) 1,2-Dichloroethane	8.402	62	104318	20.471	ug/l	100
43) Isopropyl Acetate	8.427	43	89493	20.036	ug/l	99
44) Trichloroethene	9.091	130	86025	20.154	ug/l	93
45) 1,2-Dichloropropane	9.372	63	87154	20.706	ug/l	100
46) Dibromomethane	9.463	93	44667	20.202	ug/l	96
47) Bromodichloromethane	9.646	83	111560	19.960	ug/l	96
48) Methyl methacrylate	9.439	41	39024	19.411	ug/l	100
49) 1,4-Dioxane	9.463	88	12388	434.103	ug/l #	82
51) 4-Methyl-2-Pentanone	10.213	43	235837	104.217	ug/l	99
52) Toluene	10.390	92	217105	20.343	ug/l	97
53) t-1,3-Dichloropropene	10.609	75	112523	20.195	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	132346	20.375	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	63139	20.723	ug/l	93
56) Ethyl methacrylate	10.646	69	78769	20.412	ug/l	99
57) 1,3-Dichloropropane	10.932	76	113462	20.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.926	63	193022	106.681	ug/l	98
59) 2-Hexanone	10.969	43	156654	102.206	ug/l	100
60) Dibromochloromethane	11.127	129	66612	20.206	ug/l	100
61) 1,2-Dibromoethane	11.237	107	59375	20.818	ug/l	98
64) Tetrachloroethene	10.865	164	70748	20.133	ug/l	96
65) Chlorobenzene	11.658	112	224202	19.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	75395	19.623	ug/l	99
67) Ethyl Benzene	11.731	91	419336	19.766	ug/l	97
68) m/p-Xylenes	11.841	106	318888	40.263	ug/l	98
69) o-Xylene	12.164	106	146415	19.724	ug/l	98
70) Styrene	12.182	104	245353	19.602	ug/l	99
71) Bromoform	12.347	173	34341	18.429	ug/l #	97
73) Isopropylbenzene	12.463	105	404716	20.367	ug/l	99
74) N-amyl acetate	12.274	43	83020	19.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	74131	20.509	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	51245m	19.579	ug/l	
77) Bromobenzene	12.749	156	85432	19.973	ug/l	93
78) n-propylbenzene	12.804	91	508355	20.291	ug/l	100
79) 2-Chlorotoluene	12.889	91	289815	20.236	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	337006	20.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	21188	19.638	ug/l	97
82) 4-Chlorotoluene	12.987	91	301437	20.138	ug/l	99
83) tert-Butylbenzene	13.206	119	288563	20.287	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	342204	20.459	ug/l	98
85) sec-Butylbenzene	13.383	105	461123	20.842	ug/l	98
86) p-Isopropyltoluene	13.499	119	361183	20.062	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	182323	20.145	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	180254	20.152	ug/l	99
89) n-Butylbenzene	13.822	91	371958	20.541	ug/l	99
90) Hexachloroethane	14.090	117	63629	19.499	ug/l	92
91) 1,2-Dichlorobenzene	13.865	146	159925	20.261	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	11695	20.273	ug/l	92
93) 1,2,4-Trichlorobenzene	15.133	180	106628	21.166	ug/l	96
94) Hexachlorobutadiene	15.230	225	59004	19.863	ug/l	94
95) Naphthalene	15.365	128	191472	20.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	88865	20.408	ug/l	98

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

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