

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052221\
 Data File : VW019055.D
 Acq On : 21 May 2021 17:43
 Operator : SY/VA
 Sample : VW0522SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0522SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:48:19 PM

Quant Time: May 22 03:37:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:59:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	366653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	616108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	564801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	269663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	239860	58.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.62%	
35) Dibromofluoromethane	7.884	113	208931	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	10.323	98	826201	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.615	95	297523	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	53155	21.53	ug/l	99
3) Chloromethane	2.215	50	58281	21.28	ug/l	97
4) Vinyl Chloride	2.367	62	88737	22.05	ug/l	98
5) Bromomethane	2.776	94	75707	22.45	ug/l	94
6) Chloroethane	2.922	64	59948	21.69	ug/l	100
7) Trichlorofluoromethane	3.257	101	40461	18.28	ug/l	99
8) Diethyl Ether	3.684	74	43301	22.49	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.062	101	77615	21.68	ug/l	98
10) Methyl Iodide	4.275	142	112540	21.42	ug/l	99
11) Tert butyl alcohol	5.184	59	28392	141.12	ug/l	97
12) 1,1-Dichloroethene	4.044	96	79507	21.77	ug/l	92
13) Acrolein	3.891	56	25223	102.13	ug/l	98
14) Allyl chloride	4.666	41	97827	20.59	ug/l	98
15) Acrylonitrile	5.373	53	84692	117.29	ug/l	99
16) Acetone	4.129	43	68583	116.65	ug/l	97
17) Carbon Disulfide	4.391	76	208475	20.89	ug/l	99
18) Methyl Acetate	4.672	43	43235	24.98	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	107279	23.40	ug/l	94
20) Methylene Chloride	4.922	84	131947	28.57	ug/l	97
21) trans-1,2-Dichloroethene	5.421	96	92515	22.18	ug/l	98
22) Diisopropyl ether	6.312	45	216095	22.36	ug/l	97
23) Vinyl Acetate	6.257	43	752932	115.78	ug/l	100
24) 1,1-Dichloroethane	6.214	63	165146	22.06	ug/l	99
25) 2-Butanone	7.171	43	120142	124.40	ug/l	96
26) 2,2-Dichloropropane	7.165	77	83862	20.79	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	103270	22.30	ug/l	99
28) Bromochloromethane	7.513	49	69378	22.78	ug/l	97
29) Tetrahydrofuran	7.531	42	69910	123.77	ug/l	98
30) Chloroform	7.677	83	169394	22.26	ug/l	94
31) Cyclohexane	7.958	56	134752	21.53	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	123043	21.78	ug/l	99
36) 1,1-Dichloropropene	8.080	75	134253	21.88	ug/l	98
37) Ethyl Acetate	7.257	43	58338	24.58	ug/l	99
38) Carbon Tetrachloride	8.073	117	115650	21.39	ug/l	100
39) Methylcyclohexane	9.335	83	144416	21.28	ug/l	99
40) Benzene	8.323	78	376491	21.95	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	28831	22.24	ug/l	98
42) 1,2-Dichloroethane	8.397	62	116726	22.96	ug/l	100
43) Isopropyl Acetate	8.427	43	105239	23.77	ug/l	100
44) Trichloroethene	9.092	130	94757	21.43	ug/l	99
45) 1,2-Dichloropropane	9.366	63	94044	22.67	ug/l	99
46) Dibromomethane	9.457	93	50455	22.40	ug/l	99
47) Bromodichloromethane	9.646	83	123585	22.07	ug/l	95
48) Methyl methacrylate	9.433	41	47758	23.50	ug/l	99
49) 1,4-Dioxane	9.457	88	12678	493.78	ug/l	95
51) 4-Methyl-2-Pentanone	10.207	43	281274	122.64	ug/l	98
52) Toluene	10.390	92	238264	21.91	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	122010	22.15	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	142694	21.75	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	71363	22.92	ug/l	95
56) Ethyl methacrylate	10.646	69	89883	22.99	ug/l	98
57) 1,3-Dichloropropane	10.933	76	126150	22.65	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	240128	118.75	ug/l	100
59) 2-Hexanone	10.969	43	186609	122.42	ug/l	99
60) Dibromochloromethane	11.128	129	76524	21.97	ug/l	98
61) 1,2-Dibromoethane	11.231	107	69353	23.16	ug/l	100
64) Tetrachloroethene	10.860	164	79406	21.64	ug/l	90
65) Chlorobenzene	11.658	112	247472	21.54	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.725	131	82131	20.95	ug/l	98
67) Ethyl Benzene	11.731	91	459849	21.64	ug/l	99
68) m/p-Xylenes	11.841	106	341720	42.79	ug/l	99
69) o-Xylene	12.164	106	160547	21.56	ug/l	99
70) Styrene	12.182	104	271705	21.50	ug/l	99
71) Bromoform	12.347	173	40726	20.69	ug/l #	95
73) Isopropylbenzene	12.463	105	440197	22.27	ug/l	100
74) N-amyl acetate	12.274	43	97517	23.92	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	85855	24.28	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	56286m	22.11	ug/l	
77) Bromobenzene	12.743	156	99299	22.79	ug/l	96
78) n-propylbenzene	12.804	91	538868	22.30	ug/l	100
79) 2-Chlorotoluene	12.890	91	307769	22.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	373956	22.29	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	23741	22.73	ug/l	97
82) 4-Chlorotoluene	12.987	91	326447	22.34	ug/l	99
83) tert-Butylbenzene	13.207	119	315824	22.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	376164	22.59	ug/l	99
85) sec-Butylbenzene	13.383	105	464219	22.14	ug/l	100
86) p-Isopropyltoluene	13.493	119	406958	22.40	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	198089	22.26	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	198256	22.60	ug/l	98
89) n-Butylbenzene	13.822	91	391948	21.94	ug/l	98
90) Hexachloroethane	14.091	117	63140	22.17	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	177225	22.52	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	13426	23.78	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	119060	22.59	ug/l	99
94) Hexachlorobutadiene	15.231	225	61295	20.14	ug/l	95
95) Naphthalene	15.365	128	231179	24.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	104924	22.99	ug/l	97

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

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