

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019045.D
 Acq On : 20 May 2021 17:17
 Operator : SY/VA
 Sample : VW0521SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:48:54 PM

Quant Time: May 21 05:01:55 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	7.951	168	353031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	621722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	558334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	273199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	230910	58.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.62%	
35) Dibromofluoromethane	7.884	113	205303	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.323	98	810434	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.615	95	281644	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	49998	21.04	ug/l	96
3) Chloromethane	2.215	50	54887	20.81	ug/l	99
4) Vinyl Chloride	2.367	62	88613	22.87	ug/l	99
5) Bromomethane	2.776	94	74374	22.91	ug/l	99
6) Chloroethane	2.922	64	58579	22.01	ug/l	99
7) Trichlorofluoromethane	3.257	101	40340	18.93	ug/l	99
8) Diethyl Ether	3.678	74	43205	23.31	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	75482	21.90	ug/l	98
10) Methyl Iodide	4.275	142	111393	22.02	ug/l	98
11) Tert butyl alcohol	5.178	59	24804	127.87	ug/l #	89
12) 1,1-Dichloroethene	4.044	96	78844	22.42	ug/l	94
13) Acrolein	3.891	56	27094	113.94	ug/l	99
14) Allyl chloride	4.665	41	99373	21.72	ug/l	99
15) Acrylonitrile	5.367	53	82533	118.72	ug/l	99
16) Acetone	4.129	43	63855	112.79	ug/l	100
17) Carbon Disulfide	4.391	76	211884	22.06	ug/l	99
18) Methyl Acetate	4.678	43	39993	24.00	ug/l	100
19) Methyl tert-butyl Ether	5.421	73	103015	23.34	ug/l	99
20) Methylene Chloride	4.922	84	109360	23.76	ug/l	96
21) trans-1,2-Dichloroethene	5.421	96	91664	22.82	ug/l	99
22) Diisopropyl ether	6.312	45	214818	23.08	ug/l	99
23) Vinyl Acetate	6.257	43	720393	115.05	ug/l	99
24) 1,1-Dichloroethane	6.214	63	165786	23.00	ug/l	97
25) 2-Butanone	7.177	43	109328	117.57	ug/l	98
26) 2,2-Dichloropropane	7.165	77	84317	21.71	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	101237	22.71	ug/l	100
28) Bromochloromethane	7.513	49	71217	24.29	ug/l	97
29) Tetrahydrofuran	7.531	42	65848	121.08	ug/l	98
30) Chloroform	7.677	83	170044	23.21	ug/l	98
31) Cyclohexane	7.958	56	130667	21.68	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	123071	22.62	ug/l	98
36) 1,1-Dichloropropene	8.086	75	129628	20.94	ug/l	100
37) Ethyl Acetate	7.250	43	54079	22.58	ug/l	98
38) Carbon Tetrachloride	8.067	117	113720	20.84	ug/l	100
39) Methylcyclohexane	9.335	83	140836	20.56	ug/l	98
40) Benzene	8.323	78	375189	21.68	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	27105	20.72	ug/l	98
42) 1,2-Dichloroethane	8.403	62	113749	22.17	ug/l	99
43) Isopropyl Acetate	8.427	43	99900	22.36	ug/l	99
44) Trichloroethene	9.092	130	94982	21.28	ug/l	94
45) 1,2-Dichloropropane	9.366	63	92450	22.08	ug/l	100
46) Dibromomethane	9.457	93	50003	22.00	ug/l	99
47) Bromodichloromethane	9.646	83	122327	21.65	ug/l	93
48) Methyl methacrylate	9.439	41	44814	21.85	ug/l	98
49) 1,4-Dioxane	9.457	88	11097	428.30	ug/l #	79
51) 4-Methyl-2-Pentanone	10.207	43	257670	111.33	ug/l	99
52) Toluene	10.390	92	239271	21.81	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	119584	21.52	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	139650	21.10	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	69882	22.24	ug/l	97
56) Ethyl methacrylate	10.646	69	86657	21.97	ug/l	99
57) 1,3-Dichloropropane	10.933	76	124847	22.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	231946	113.66	ug/l	100
59) 2-Hexanone	10.969	43	171796	111.68	ug/l	99
60) Dibromochloromethane	11.128	129	75509	21.48	ug/l	97
61) 1,2-Dibromoethane	11.231	107	66732	22.08	ug/l	98
64) Tetrachloroethene	10.866	164	77070	21.25	ug/l	89
65) Chlorobenzene	11.658	112	246067	21.66	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	85313	22.01	ug/l	97
67) Ethyl Benzene	11.731	91	452995	21.56	ug/l	97
68) m/p-Xylenes	11.841	106	338535	42.89	ug/l	99
69) o-Xylene	12.164	106	160942	21.87	ug/l	97
70) Styrene	12.182	104	270956	21.69	ug/l	99
71) Bromoform	12.353	173	40144	20.63	ug/l #	100
73) Isopropylbenzene	12.463	105	428549	21.40	ug/l	99
74) N-amyl acetate	12.274	43	90214	21.84	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	81468	22.74	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	52055m	20.18	ug/l	
77) Bromobenzene	12.743	156	95465	21.63	ug/l	96
78) n-propylbenzene	12.804	91	521261	21.29	ug/l	100
79) 2-Chlorotoluene	12.890	91	300577	21.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	363845	21.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	22286	21.06	ug/l	97
82) 4-Chlorotoluene	12.987	91	314559	21.24	ug/l	99
83) tert-Butylbenzene	13.207	119	307646	21.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	363471	21.54	ug/l	100
85) sec-Butylbenzene	13.383	105	453646	21.35	ug/l	98
86) p-Isopropyltoluene	13.499	119	388794	21.13	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	196132	21.75	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	190720	21.46	ug/l	99
89) n-Butylbenzene	13.822	91	377313	20.85	ug/l	99
90) Hexachloroethane	14.091	117	59953	20.78	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	174454	21.88	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12789	22.36	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	112653	21.10	ug/l	96
94) Hexachlorobutadiene	15.231	225	59873	19.41	ug/l	97
95) Naphthalene	15.365	128	210727	21.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	97206	21.03	ug/l	98

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

