

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019036.D
 Acq On : 19 May 2021 17:17
 Operator : SY/VA
 Sample : VW0520SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 6:00:16 PM

Quant Time: May 20 03:34:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 09:25:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	363015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	602209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	539008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	270242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	216825	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	7.884	113	194948	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.323	98	764441	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.615	95	275948	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	48699	19.93	ug/l	96
3) Chloromethane	2.215	50	55016	20.29	ug/l	99
4) Vinyl Chloride	2.367	62	85347	21.42	ug/l	95
5) Bromomethane	2.775	94	72808	21.81	ug/l	97
6) Chloroethane	2.922	64	56866	20.78	ug/l	94
7) Trichlorofluoromethane	3.257	101	38490	17.56	ug/l	97
8) Diethyl Ether	3.684	74	40040	21.01	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	73046	20.61	ug/l	99
10) Methyl Iodide	4.281	142	106956	20.56	ug/l	98
11) Tert butyl alcohol	5.190	59	24530	122.90	ug/l #	82
12) 1,1-Dichloroethene	4.050	96	76130	21.06	ug/l	95
13) Acrolein	3.897	56	26151	106.95	ug/l	99
14) Allyl chloride	4.671	41	90974	19.34	ug/l	100
15) Acrylonitrile	5.366	53	73367	102.63	ug/l	99
16) Acetone	4.129	43	59157	101.62	ug/l	98
17) Carbon Disulfide	4.397	76	201442	20.39	ug/l	99
18) Methyl Acetate	4.678	43	37159	21.69	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	96432	21.24	ug/l	99
20) Methylene Chloride	4.921	84	110353	23.21	ug/l	93
21) trans-1,2-Dichloroethene	5.427	96	87797	21.26	ug/l	100
22) Diisopropyl ether	6.318	45	198677	20.76	ug/l	97
23) Vinyl Acetate	6.257	43	664068	103.14	ug/l	100
24) 1,1-Dichloroethane	6.214	63	155212	20.95	ug/l	99
25) 2-Butanone	7.171	43	102526	107.22	ug/l	97
26) 2,2-Dichloropropane	7.165	77	79045	19.80	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	95372	20.81	ug/l	99
28) Bromochloromethane	7.512	49	64186	21.29	ug/l	100
29) Tetrahydrofuran	7.537	42	60003	107.30	ug/l	100
30) Chloroform	7.677	83	158570	21.05	ug/l	95
31) Cyclohexane	7.957	56	126658	20.44	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	115655	20.68	ug/l	98
36) 1,1-Dichloropropene	8.079	75	126117	21.03	ug/l	99
37) Ethyl Acetate	7.256	43	50044	21.57	ug/l	100
38) Carbon Tetrachloride	8.073	117	109330	20.69	ug/l	96
39) Methylcyclohexane	9.335	83	135052	20.35	ug/l	98
40) Benzene	8.323	78	353930	21.11	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	25244	19.93	ug/l	99
42) 1,2-Dichloroethane	8.396	62	105942	21.32	ug/l	100
43) Isopropyl Acetate	8.427	43	92641	21.41	ug/l	99
44) Trichloroethene	9.091	130	90048	20.83	ug/l	93
45) 1,2-Dichloropropane	9.366	63	86179	21.25	ug/l	96
46) Dibromomethane	9.463	93	47085	21.39	ug/l	99
47) Bromodichloromethane	9.646	83	114040	20.84	ug/l	96
48) Methyl methacrylate	9.433	41	40930	20.60	ug/l	95
49) 1,4-Dioxane	9.457	88	10674	425.32	ug/l #	83
51) 4-Methyl-2-Pentanone	10.213	43	241096	107.55	ug/l	99
52) Toluene	10.390	92	222534	20.94	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	110475	20.52	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	130493	20.35	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	64657	21.25	ug/l	96
56) Ethyl methacrylate	10.646	69	81163	21.24	ug/l	98
57) 1,3-Dichloropropane	10.933	76	116335	21.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	211354	106.93	ug/l	99
59) 2-Hexanone	10.969	43	159127	106.80	ug/l	100
60) Dibromochloromethane	11.128	129	70054	20.57	ug/l	98
61) 1,2-Dibromoethane	11.237	107	61638	21.06	ug/l	99
64) Tetrachloroethene	10.859	164	74115	21.17	ug/l	91
65) Chlorobenzene	11.658	112	232644	21.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	77930	20.82	ug/l	99
67) Ethyl Benzene	11.731	91	424535	20.93	ug/l	99
68) m/p-Xylenes	11.841	106	324371	42.57	ug/l	99
69) o-Xylene	12.164	106	150726	21.21	ug/l	99
70) Styrene	12.182	104	253957	21.06	ug/l	100
71) Bromoform	12.347	173	37839	20.15	ug/l #	98
73) Isopropylbenzene	12.463	105	402457	20.32	ug/l	99
74) N-amyl acetate	12.274	43	85724	20.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	75859	21.41	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	50355m	19.73	ug/l	
77) Bromobenzene	12.743	156	89428	20.48	ug/l	93
78) n-propylbenzene	12.804	91	509471	21.04	ug/l	99
79) 2-Chlorotoluene	12.890	91	291452	21.12	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	353341	21.01	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	21182	20.23	ug/l	99
82) 4-Chlorotoluene	12.987	91	304345	20.78	ug/l	99
83) tert-Butylbenzene	13.207	119	292721	20.65	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	352498	21.12	ug/l	100
85) sec-Butylbenzene	13.383	105	437821	20.83	ug/l	98
86) p-Isopropyltoluene	13.493	119	371472	20.40	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	194828	21.85	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	185795	21.13	ug/l	99
89) n-Butylbenzene	13.822	91	366110	20.45	ug/l	98
90) Hexachloroethane	14.091	117	57707	20.22	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	167224	21.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	11670	20.62	ug/l	100
93) 1,2,4-Trichlorobenzene	15.127	180	111612	21.13	ug/l	96
94) Hexachlorobutadiene	15.237	225	60853	19.95	ug/l	98
95) Naphthalene	15.365	128	209281	21.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	99576	21.77	ug/l	99

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

