

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019046.D
 Acq On : 20 May 2021 17:41
 Operator : SY/VA
 Sample : VW0521SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:48:57 PM

Quant Time: May 21 05:02:33 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	7.952	168	356822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	613802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	562394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	271121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	232484	58.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.18%	
35) Dibromofluoromethane	7.885	113	207528	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.323	98	811131	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.615	95	285533	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	50027	20.82	ug/l	99
3) Chloromethane	2.215	50	54884	20.59	ug/l	98
4) Vinyl Chloride	2.367	62	87174	22.26	ug/l	97
5) Bromomethane	2.776	94	75582	23.03	ug/l	92
6) Chloroethane	2.922	64	58065	21.59	ug/l	99
7) Trichlorofluoromethane	3.257	101	39509	18.34	ug/l	99
8) Diethyl Ether	3.684	74	42872	22.88	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	74368	21.34	ug/l	98
10) Methyl Iodide	4.282	142	112823	22.06	ug/l	99
11) Tert butyl alcohol	5.184	59	27195	138.86	ug/l	96
12) 1,1-Dichloroethene	4.050	96	77276	21.74	ug/l	85
13) Acrolein	3.897	56	27294	113.56	ug/l	97
14) Allyl chloride	4.672	41	96471	20.86	ug/l	99
15) Acrylonitrile	5.367	53	80954	115.21	ug/l	99
16) Acetone	4.129	43	64195	112.19	ug/l	94
17) Carbon Disulfide	4.391	76	209376	21.56	ug/l	100
18) Methyl Acetate	4.672	43	40631	24.13	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	102677	23.01	ug/l	98
20) Methylene Chloride	4.916	84	108971	23.34	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	89498	22.04	ug/l	98
22) Diisopropyl ether	6.312	45	207713	22.08	ug/l	96
23) Vinyl Acetate	6.257	43	717568	113.38	ug/l	99
24) 1,1-Dichloroethane	6.214	63	161900	22.23	ug/l	99
25) 2-Butanone	7.177	43	111282	118.40	ug/l	99
26) 2,2-Dichloropropane	7.165	77	82439	21.00	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	99122	22.00	ug/l	99
28) Bromochloromethane	7.513	49	67712	22.85	ug/l	100
29) Tetrahydrofuran	7.531	42	64362	117.09	ug/l	99
30) Chloroform	7.677	83	165953	22.41	ug/l	100
31) Cyclohexane	7.958	56	127919	21.00	ug/l	92
32) 1,1,1-Trichloroethane	7.878	97	120172	21.86	ug/l	98
36) 1,1-Dichloropropene	8.086	75	127314	20.83	ug/l	99
37) Ethyl Acetate	7.251	43	55127	23.31	ug/l	99
38) Carbon Tetrachloride	8.067	117	111298	20.66	ug/l	92
39) Methylcyclohexane	9.335	83	139537	20.63	ug/l	98
40) Benzene	8.323	78	361015	21.13	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	26974	20.89	ug/l	98
42) 1,2-Dichloroethane	8.397	62	111925	22.10	ug/l	99
43) Isopropyl Acetate	8.421	43	101698	23.06	ug/l	97
44) Trichloroethene	9.092	130	91523	20.77	ug/l	100
45) 1,2-Dichloropropane	9.366	63	89542	21.66	ug/l	95
46) Dibromomethane	9.457	93	49150	21.90	ug/l	99
47) Bromodichloromethane	9.646	83	119763	21.47	ug/l	98
48) Methyl methacrylate	9.439	41	44849	22.15	ug/l	98
49) 1,4-Dioxane	9.457	88	11694	457.17	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	261747	114.55	ug/l	99
52) Toluene	10.384	92	230893	21.31	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	115208	21.00	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	136564	20.90	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	68405	22.06	ug/l	99
56) Ethyl methacrylate	10.646	69	86512	22.21	ug/l	99
57) 1,3-Dichloropropane	10.933	76	122815	22.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	228697	113.52	ug/l	100
59) 2-Hexanone	10.969	43	174129	114.66	ug/l	100
60) Dibromochloromethane	11.128	129	74779	21.55	ug/l	99
61) 1,2-Dibromoethane	11.232	107	64295	21.55	ug/l	97
64) Tetrachloroethene	10.860	164	75074	20.55	ug/l	93
65) Chlorobenzene	11.658	112	238452	20.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	83868	21.48	ug/l	96
67) Ethyl Benzene	11.731	91	444696	21.01	ug/l	98
68) m/p-Xylenes	11.841	106	333820	41.98	ug/l	99
69) o-Xylene	12.164	106	152655	20.59	ug/l	97
70) Styrene	12.183	104	262549	20.86	ug/l	99
71) Bromoform	12.347	173	39399	20.10	ug/l #	98
73) Isopropylbenzene	12.463	105	422546	21.26	ug/l	98
74) N-amyl acetate	12.274	43	91292	22.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	81806	23.01	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	54092m	21.13	ug/l	
77) Bromobenzene	12.743	156	96709	22.08	ug/l	98
78) n-propylbenzene	12.804	91	517314	21.29	ug/l	99
79) 2-Chlorotoluene	12.890	91	297083	21.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	351239	20.82	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	22110	21.05	ug/l	98
82) 4-Chlorotoluene	12.987	91	310794	21.15	ug/l	99
83) tert-Butylbenzene	13.207	119	300823	21.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	359986	21.50	ug/l	99
85) sec-Butylbenzene	13.384	105	444403	21.08	ug/l	100
86) p-Isopropyltoluene	13.499	119	382244	20.93	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	191712	21.43	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	192996	21.88	ug/l	98
89) n-Butylbenzene	13.823	91	366859	20.43	ug/l	98
90) Hexachloroethane	14.091	117	60797	21.23	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	172267	21.77	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	13295	23.42	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	114478	21.60	ug/l	95
94) Hexachlorobutadiene	15.237	225	56123	18.34	ug/l	90
95) Naphthalene	15.365	128	218462	22.63	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	99580	21.70	ug/l	99

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

