

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
 Data File : VW019079.D
 Acq On : 25 May 2021 16:18
 Operator : SY/VA
 Sample : VW0525SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0525SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:29:33 AM

Quant Time: May 26 03:13:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 14:01:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	368394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	625210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	553124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	260603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	238045	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	7.884	113	211774	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.323	98	858506	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.615	95	292845	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	47198	18.19	ug/l	96
3) Chloromethane	2.214	50	56419	19.67	ug/l	97
4) Vinyl Chloride	2.367	62	92512	20.58	ug/l	100
5) Bromomethane	2.775	94	77846	21.41	ug/l	97
6) Chloroethane	2.922	64	60096	20.12	ug/l	99
7) Trichlorofluoromethane	3.263	101	45042	17.27	ug/l	94
8) Diethyl Ether	3.684	74	43273	21.05	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	77457	19.66	ug/l	98
10) Methyl Iodide	4.275	142	114207	20.41	ug/l	99
11) Tert butyl alcohol	5.196	59	24506	108.50	ug/l #	84
12) 1,1-Dichloroethene	4.043	96	78761	19.21	ug/l	91
13) Acrolein	3.897	56	29190	104.60	ug/l	98
14) Allyl chloride	4.665	41	105697	19.29	ug/l	98
15) Acrylonitrile	5.372	53	78515	103.90	ug/l	99
16) Acetone	4.135	43	63993	90.03	ug/l	98
17) Carbon Disulfide	4.385	76	213948	19.29	ug/l	99
18) Methyl Acetate	4.677	43	40069	20.84	ug/l	97
19) Methyl tert-butyl Ether	5.427	73	102754	20.59	ug/l	96
20) Methylene Chloride	4.915	84	109362	22.34	ug/l	95
21) trans-1,2-Dichloroethene	5.427	96	93314	20.40	ug/l	99
22) Diisopropyl ether	6.311	45	217681	20.51	ug/l	99
23) Vinyl Acetate	6.256	43	706066	100.92	ug/l	99
24) 1,1-Dichloroethane	6.220	63	170379	20.72	ug/l	99
25) 2-Butanone	7.177	43	105547	100.60	ug/l	97
26) 2,2-Dichloropropane	7.171	77	89253	18.99	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	104081	20.71	ug/l	99
28) Bromochloromethane	7.512	49	67853	20.85	ug/l	99
29) Tetrahydrofuran	7.537	42	60302	101.46	ug/l	98
30) Chloroform	7.677	83	172102	20.77	ug/l	94
31) Cyclohexane	7.957	56	133925	19.15	ug/l	95
32) 1,1,1-Trichloroethane	7.878	97	126534	19.86	ug/l	98
36) 1,1-Dichloropropene	8.085	75	133323	19.11	ug/l	99
37) Ethyl Acetate	7.256	43	51609	20.46	ug/l	99
38) Carbon Tetrachloride	8.067	117	117335	18.94	ug/l	97
39) Methylcyclohexane	9.335	83	144318	18.61	ug/l	99
40) Benzene	8.323	78	381669	20.07	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	28681	19.46	ug/l	92
42) 1,2-Dichloroethane	8.402	62	114349	20.38	ug/l	99
43) Isopropyl Acetate	8.427	43	95028	19.54	ug/l	99
44) Trichloroethene	9.091	130	95836	19.17	ug/l	96
45) 1,2-Dichloropropane	9.372	63	92150	19.96	ug/l	96
46) Dibromomethane	9.457	93	48257	20.09	ug/l	98
47) Bromodichloromethane	9.646	83	122638	19.81	ug/l	95
48) Methyl methacrylate	9.439	41	42410	18.65	ug/l	97
49) 1,4-Dioxane	9.463	88	11935	413.64	ug/l #	80
51) 4-Methyl-2-Pentanone	10.207	43	245228	99.28	ug/l	98
52) Toluene	10.390	92	239285	19.75	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	116030	18.83	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	140464	19.22	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	67131	19.74	ug/l	95
56) Ethyl methacrylate	10.646	69	82867	19.45	ug/l	99
57) 1,3-Dichloropropane	10.932	76	121932	20.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	217348	100.99	ug/l	100
59) 2-Hexanone	10.969	43	162510	97.84	ug/l	98
60) Dibromochloromethane	11.127	129	72168	19.01	ug/l	97
61) 1,2-Dibromoethane	11.237	107	63397	19.81	ug/l	97
64) Tetrachloroethene	10.859	164	80675	20.34	ug/l	90
65) Chlorobenzene	11.658	112	251331	20.42	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	85718	20.37	ug/l	98
67) Ethyl Benzene	11.731	91	459275	19.69	ug/l	99
68) m/p-Xylenes	11.841	106	345387	40.35	ug/l	100
69) o-Xylene	12.170	106	158610	19.62	ug/l	98
70) Styrene	12.182	104	270368	20.01	ug/l	100
71) Bromoform	12.353	173	39362	19.43	ug/l #	99
73) Isopropylbenzene	12.463	105	444458	20.90	ug/l	98
74) N-amyl acetate	12.274	43	87734	20.54	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.712	83	79378	21.87	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	51179m	20.60	ug/l	
77) Bromobenzene	12.749	156	101234	22.28	ug/l	98
78) n-propylbenzene	12.804	91	539310	20.47	ug/l	100
79) 2-Chlorotoluene	12.889	91	310383	20.89	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	374474	20.88	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	20786	18.89	ug/l	94
82) 4-Chlorotoluene	12.987	91	321770	20.55	ug/l	100
83) tert-Butylbenzene	13.206	119	314420	20.57	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	371550	20.76	ug/l	100
85) sec-Butylbenzene	13.383	105	467402	20.38	ug/l	99
86) p-Isopropyltoluene	13.499	119	404395	20.70	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	194685	20.69	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	188803	20.37	ug/l	98
89) n-Butylbenzene	13.822	91	392768	20.09	ug/l	98
90) Hexachloroethane	14.090	117	63102	20.43	ug/l	91
91) 1,2-Dichlorobenzene	13.865	146	170454	20.81	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.480	75	12201	21.17	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	115411	20.40	ug/l	97
94) Hexachlorobutadiene	15.236	225	63128	19.75	ug/l	94
95) Naphthalene	15.364	128	211691	21.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	99682	20.79	ug/l	98

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

