

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018354.D
 Acq On : 17 Mar 2021 19:42
 Operator : SY/VA
 Sample : VW0317SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0317SBS01

Manual Integrations
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MMDadoda
 3/18/2021 4:12:42 PM

Quant Time: Mar 18 03:16:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:51:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	381107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	646802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	590925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	293556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	208919	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
35) Dibromofluoromethane	7.885	113	183119	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.323	98	727172	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.615	95	279107	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	55779	20.58	ug/l	96
3) Chloromethane	2.221	50	83864	20.00	ug/l	94
4) Vinyl Chloride	2.367	62	102028	25.17	ug/l	95
5) Bromomethane	2.782	94	74441	22.51	ug/l	94
6) Chloroethane	2.928	64	69030	21.77	ug/l	96
7) Trichlorofluoromethane	3.257	101	61030	19.38	ug/l	94
8) Diethyl Ether	3.678	74	40313	21.20	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	72018	20.23	ug/l	97
10) Methyl Iodide	4.282	142	109159	20.86	ug/l	96
11) Tert butyl alcohol	5.166	59	27118	109.49	ug/l	97
12) 1,1-Dichloroethene	4.044	96	74791	20.41	ug/l	91
13) Acrolein	3.898	56	23825	136.70	ug/l	93
14) Allyl chloride	4.666	41	104563	20.95	ug/l	96
15) Acrylonitrile	5.367	53	80947	107.54	ug/l	100
16) Acetone	4.117	43	64822	106.56	ug/l	93
17) Carbon Disulfide	4.385	76	208470	21.68	ug/l	98
18) Methyl Acetate	4.666	43	31746	19.87	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	118344	21.53	ug/l	94
20) Methylene Chloride	4.916	84	92995	21.19	ug/l	89
21) trans-1,2-Dichloroethene	5.422	96	89523	20.77	ug/l	89
22) Diisopropyl ether	6.312	45	216328	21.10	ug/l	99
23) Vinyl Acetate	6.257	43	680235	107.23	ug/l	97
24) 1,1-Dichloroethane	6.214	63	154155	20.97	ug/l	100
25) 2-Butanone	7.165	43	97063	107.69	ug/l	96
26) 2,2-Dichloropropane	7.165	77	93486	19.78	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	98294	20.93	ug/l	93
28) Bromochloromethane	7.513	49	61431	21.39	ug/l	87
29) Tetrahydrofuran	7.531	42	64557	110.37	ug/l	96
30) Chloroform	7.671	83	158609	20.46	ug/l	95
31) Cyclohexane	7.952	56	142993	20.52	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	131686	20.89	ug/l	96
36) 1,1-Dichloropropene	8.080	75	129384	20.25	ug/l	98
37) Ethyl Acetate	7.251	43	47408	21.22	ug/l	98
38) Carbon Tetrachloride	8.074	117	120299	20.14	ug/l	96
39) Methylcyclohexane	9.336	83	159909	19.76	ug/l	98
40) Benzene	8.324	78	347976	20.34	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	25286	20.92	ug/l	96
42) 1,2-Dichloroethane	8.403	62	111379	20.73	ug/l	100
43) Isopropyl Acetate	8.421	43	95327	21.25	ug/l	96
44) Trichloroethene	9.092	130	93334	20.26	ug/l	100
45) 1,2-Dichloropropane	9.372	63	83779	20.27	ug/l	96
46) Dibromomethane	9.458	93	47183	20.44	ug/l	98
47) Bromodichloromethane	9.646	83	120171	20.01	ug/l	97
48) Methyl methacrylate	9.433	41	44454	20.90	ug/l	95
49) 1,4-Dioxane	9.439	88	14328	427.75	ug/l	92
51) 4-Methyl-2-Pentanone	10.207	43	231596	105.73	ug/l	97
52) Toluene	10.384	92	231285	20.50	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	123210	20.14	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	138068	19.78	ug/l #	90
55) 1,1,2-Trichloroethane	10.787	97	62328	19.95	ug/l	98
56) Ethyl methacrylate	10.646	69	82996	20.43	ug/l	94
57) 1,3-Dichloropropane	10.933	76	115268	20.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	213711	103.65	ug/l	95
59) 2-Hexanone	10.969	43	159038	105.46	ug/l	98
60) Dibromochloromethane	11.128	129	76758	19.95	ug/l	99
61) 1,2-Dibromoethane	11.232	107	64124	20.89	ug/l	99
64) Tetrachloroethene	10.860	164	76126	20.19	ug/l	92
65) Chlorobenzene	11.658	112	238053	19.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	83511	19.82	ug/l	98
67) Ethyl Benzene	11.732	91	454239	20.12	ug/l	98
68) m/p-Xylenes	11.841	106	337056	39.35	ug/l	97
69) o-Xylene	12.164	106	163134	20.35	ug/l	98
70) Styrene	12.183	104	266757	19.91	ug/l	98
71) Bromoform	12.347	173	41991	19.55	ug/l #	100
73) Isopropylbenzene	12.463	105	442390	20.00	ug/l	98
74) N-amyl acetate	12.268	43	89596	20.59	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	74005	20.51	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	51117m	18.94	ug/l	
77) Bromobenzene	12.744	156	96698	20.42	ug/l	97
78) n-propylbenzene	12.804	91	532753	20.21	ug/l	99
79) 2-Chlorotoluene	12.890	91	306173	20.27	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	387661	20.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	24270	19.68	ug/l	93
82) 4-Chlorotoluene	12.987	91	329614	20.71	ug/l	99
83) tert-Butylbenzene	13.207	119	324240	20.05	ug/l	98
84) 1,2,4-Trimethylbenzene	13.250	105	395579	20.71	ug/l	99
85) sec-Butylbenzene	13.384	105	455095	19.97	ug/l	99
86) p-Isopropyltoluene	13.499	119	410201	20.04	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	192134	20.11	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	193645	20.32	ug/l	99
89) n-Butylbenzene	13.823	91	419437	20.66	ug/l	100
90) Hexachloroethane	14.091	117	74030	19.69	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	172888	20.54	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	13882	20.76	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	120124	20.16	ug/l	96
94) Hexachlorobutadiene	15.231	225	68269	20.23	ug/l	89
95) Naphthalene	15.365	128	232385	21.14	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	104126	21.00	ug/l	95

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

