

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
 Data File : VW018247.D
 Acq On : 04 Mar 2021 13:13
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:12:21 AM

Quant Time: Mar 04 13:44:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 04 13:12:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	272963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	400982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	369356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	178311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	322731	101.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	203.28%	
35) Dibromofluoromethane	7.885	113	353451	136.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	272.56%	
50) Toluene-d8	10.323	98	1306784	130.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	261.16%	
62) 4-Bromofluorobenzene	12.615	95	485637	136.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	273.68%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	276052	130.23	ug/l	99
3) Chloromethane	2.221	50	260836	114.47	ug/l	99
4) Vinyl Chloride	2.367	62	357726	101.13	ug/l	100
5) Bromomethane	2.776	94	256306	73.82	ug/l	90
6) Chloroethane	2.928	64	219283	91.04	ug/l	97
7) Trichlorofluoromethane	3.257	101	311864	120.56	ug/l	100
8) Diethyl Ether	3.684	74	184779	138.55	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.068	101	365929	127.51	ug/l	87
10) Methyl Iodide	4.282	142	587074	145.73	ug/l	92
11) Tert butyl alcohol	5.159	59	83137	474.90	ug/l	98
12) 1,1-Dichloroethene	4.050	96	380826	133.94	ug/l	87
13) Acrolein	3.891	56	117171	567.26	ug/l	100
14) Allyl chloride	4.672	41	454760	116.58	ug/l	88
15) Acrylonitrile	5.367	53	357408	596.08	ug/l	99
16) Acetone	4.117	43	269571	490.70	ug/l #	88
17) Carbon Disulfide	4.391	76	1035734	125.81	ug/l	100
18) Methyl Acetate	4.666	43	146502	112.65	ug/l	92
19) Methyl tert-butyl Ether	5.428	73	375124	99.87	ug/l	98
20) Methylene Chloride	4.922	84	370402	106.25	ug/l	91
21) trans-1,2-Dichloroethene	5.422	96	415505	123.51	ug/l	94
22) Diisopropyl ether	6.312	45	882183	111.09	ug/l	92
23) Vinyl Acetate	6.257	43	2799104	561.64	ug/l #	92
24) 1,1-Dichloroethane	6.214	63	652297	117.26	ug/l	95
25) 2-Butanone	7.165	43	426436	552.21	ug/l	96
26) 2,2-Dichloropropane	7.165	77	352766	110.07	ug/l	94
27) cis-1,2-Dichloroethene	7.171	96	457234	128.74	ug/l	90
28) Bromochloromethane	7.513	49	240885	105.27	ug/l #	74
29) Tetrahydrofuran	7.525	42	275087	557.67	ug/l	91
30) Chloroform	7.677	83	687934	114.87	ug/l	96
31) Cyclohexane	7.958	56	573344	107.64	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	564110	114.44	ug/l	95
36) 1,1-Dichloropropene	8.086	75	553753	133.06	ug/l	96
37) Ethyl Acetate	7.251	43	193675	122.65	ug/l #	92
38) Carbon Tetrachloride	8.067	117	574551	140.44	ug/l	98
39) Methylcyclohexane	9.336	83	720261	139.69	ug/l	95
40) Benzene	8.324	78	1540912	135.74	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	115513	128.34	ug/l	96
42) 1,2-Dichloroethane	8.403	62	417973	121.95	ug/l	95
43) Isopropyl Acetate	8.421	43	377703	132.02	ug/l #	94
44) Trichloroethene	9.092	130	472637	149.92	ug/l	94
45) 1,2-Dichloropropane	9.372	63	356280	132.41	ug/l	99
46) Dibromomethane	9.457	93	204849	130.66	ug/l #	81
47) Bromodichloromethane	9.646	83	528955	138.64	ug/l	97
48) Methyl methacrylate	9.433	41	197054	137.62	ug/l	87
49) 1,4-Dioxane	9.445	88	58214	3087.48	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	943687	644.15	ug/l	90
52) Toluene	10.390	92	1027648	138.66	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	524950	150.00	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	617327	146.53	ug/l #	88
55) 1,1,2-Trichloroethane	10.787	97	294386	139.88	ug/l	98
56) Ethyl methacrylate	10.646	69	363946	150.28	ug/l #	85
57) 1,3-Dichloropropane	10.933	76	489119	135.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	896167	750.02	ug/l	92
59) 2-Hexanone	10.969	43	648942	663.02	ug/l	90
60) Dibromochloromethane	11.128	129	387144	158.36	ug/l	97
61) 1,2-Dibromoethane	11.238	107	298324	143.70	ug/l	98
64) Tetrachloroethene	10.860	164	395658	152.49	ug/l	94
65) Chlorobenzene	11.658	112	1124539	137.91	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	414961	151.46	ug/l	99
67) Ethyl Benzene	11.731	91	1993672	134.16	ug/l	95
68) m/p-Xylenes	11.841	106	1546416	275.80	ug/l	98
69) o-Xylene	12.164	106	727993	140.31	ug/l	97
70) Styrene	12.183	104	1224960	140.86	ug/l	98
71) Bromoform	12.347	173	226556	167.07	ug/l #	97
73) Isopropylbenzene	12.463	105	1957825	141.06	ug/l	98
74) N-amyl acetate	12.274	43	345986	142.85	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	320187	135.85	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	252882m	157.39	ug/l	
77) Bromobenzene	12.743	156	475222	153.84	ug/l	91
78) n-propylbenzene	12.804	91	2264432	135.45	ug/l	97
79) 2-Chlorotoluene	12.890	91	1289205	139.99	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	1656698	142.63	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	105709	169.17	ug/l	91
82) 4-Chlorotoluene	12.987	91	1360780	138.96	ug/l	98
83) tert-Butylbenzene	13.207	119	1443275	143.78	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	1610435	136.86	ug/l	98
85) sec-Butylbenzene	13.384	105	1934578	136.05	ug/l	96
86) p-Isopropyltoluene	13.499	119	1835679	141.31	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	893452	145.41	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	870307	142.51	ug/l	97
89) n-Butylbenzene	13.823	91	1657642	131.25	ug/l	98
90) Hexachloroethane	14.091	117	336688	151.83	ug/l	74
91) 1,2-Dichlorobenzene	13.871	146	773816	144.40	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	53366	135.29	ug/l	80
93) 1,2,4-Trichlorobenzene	15.127	180	599250	166.37	ug/l	96
94) Hexachlorobutadiene	15.231	225	359742	175.33	ug/l	97
95) Naphthalene	15.365	128	1084209	158.50	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	519310	166.68	ug/l	97

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

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