

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
 Data File : VW018361.D
 Acq On : 18 Mar 2021 09:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 3/19/2021 3:32:40 PM

Quant Time: Mar 18 16:39:21 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	7.945	168	391367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	644113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	571109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	299191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	197292	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
35) Dibromofluoromethane	7.884	113	177492	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.323	98	714705	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.615	95	273450	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	127041	45.64	ug/l	95
3) Chloromethane	2.221	50	185440	43.07	ug/l	97
4) Vinyl Chloride	2.367	62	244948	58.84	ug/l	98
5) Bromomethane	2.782	94	195681	57.63	ug/l	94
6) Chloroethane	2.928	64	167551	51.45	ug/l	95
7) Trichlorofluoromethane	3.263	101	153538	47.48	ug/l	92
8) Diethyl Ether	3.678	74	88376	45.26	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	179157	49.02	ug/l	96
10) Methyl Iodide	4.275	142	261924	48.74	ug/l	95
11) Tert butyl alcohol	5.159	59	54834	215.58	ug/l	97
12) 1,1-Dichloroethene	4.044	96	182425	48.49	ug/l	91
13) Acrolein	3.885	56	35039	209.78	ug/l	100
14) Allyl chloride	4.665	41	253244	49.41	ug/l	97
15) Acrylonitrile	5.360	53	174480	225.73	ug/l	98
16) Acetone	4.117	43	152028	243.36	ug/l	96
17) Carbon Disulfide	4.385	76	515452	52.20	ug/l	99
18) Methyl Acetate	4.665	43	73381	44.73	ug/l	97
19) Methyl tert-butyl Ether	5.427	73	257621	45.63	ug/l	100
20) Methylene Chloride	4.915	84	200194	49.26	ug/l	94
21) trans-1,2-Dichloroethene	5.421	96	212725	48.07	ug/l	87
22) Diisopropyl ether	6.305	45	502562	47.72	ug/l	98
23) Vinyl Acetate	6.250	43	1526209	234.28	ug/l	98
24) 1,1-Dichloroethane	6.214	63	366114	48.49	ug/l	100
25) 2-Butanone	7.165	43	198612	214.58	ug/l	97
26) 2,2-Dichloropropane	7.165	77	244243	50.31	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	232890	48.29	ug/l	94
28) Bromochloromethane	7.506	49	141568	47.99	ug/l	88
29) Tetrahydrofuran	7.525	42	134661	224.19	ug/l	95
30) Chloroform	7.671	83	386544	48.56	ug/l	98
31) Cyclohexane	7.951	56	334542	46.74	ug/l	90
32) 1,1,1-Trichloroethane	7.872	97	322265	49.77	ug/l	97
36) 1,1-Dichloropropene	8.079	75	311453	48.95	ug/l	99
37) Ethyl Acetate	7.250	43	96608	43.41	ug/l	98
38) Carbon Tetrachloride	8.067	117	301640	50.71	ug/l	98
39) Methylcyclohexane	9.335	83	401939	49.88	ug/l	100
40) Benzene	8.323	78	839622	49.28	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	58501	48.59	ug/l	99
42) 1,2-Dichloroethane	8.396	62	258514	48.31	ug/l	100
43) Isopropyl Acetate	8.421	43	199063	44.56	ug/l	98
44) Trichloroethene	9.091	130	227803	49.65	ug/l	94
45) 1,2-Dichloropropane	9.366	63	199824	48.54	ug/l	100
46) Dibromomethane	9.457	93	108686	47.28	ug/l	99
47) Bromodichloromethane	9.646	83	292451	48.90	ug/l	96
48) Methyl methacrylate	9.433	41	94970	44.83	ug/l	95
49) 1,4-Dioxane	9.439	88	31848	954.77	ug/l	95
51) 4-Methyl-2-Pentanone	10.207	43	485877	222.73	ug/l	99
52) Toluene	10.390	92	559692	49.81	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	297668	48.87	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	337635	48.58	ug/l	92
55) 1,1,2-Trichloroethane	10.786	97	147983	47.57	ug/l	98
56) Ethyl methacrylate	10.646	69	187383	46.31	ug/l	96
57) 1,3-Dichloropropane	10.933	76	261862	47.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	464655	226.31	ug/l	94
59) 2-Hexanone	10.963	43	338231	225.21	ug/l	96
60) Dibromochloromethane	11.128	129	191627	50.01	ug/l	99
61) 1,2-Dibromoethane	11.231	107	143934	47.08	ug/l	98
64) Tetrachloroethene	10.866	164	183423	50.34	ug/l	91
65) Chlorobenzene	11.658	112	585304	50.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.725	131	203621	50.01	ug/l	96
67) Ethyl Benzene	11.731	91	1110400	50.89	ug/l	98
68) m/p-Xylenes	11.841	106	848672	102.51	ug/l	99
69) o-Xylene	12.164	106	396544	51.19	ug/l	98
70) Styrene	12.182	104	652968	50.43	ug/l	99
71) Bromoform	12.353	173	98972	47.68	ug/l #	98
73) Isopropylbenzene	12.463	105	1093726	48.52	ug/l	98
74) N-amyl acetate	12.274	43	195323	44.04	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	170145	46.27	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	134640m	48.94	ug/l	
77) Bromobenzene	12.743	156	230041	47.67	ug/l	98
78) n-propylbenzene	12.804	91	1332337	49.59	ug/l	100
79) 2-Chlorotoluene	12.890	91	753524	48.95	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	950527	48.91	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	56152	44.68	ug/l	94
82) 4-Chlorotoluene	12.987	91	792126	48.82	ug/l	98
83) tert-Butylbenzene	13.200	119	812388	49.29	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	941853	48.39	ug/l	97
85) sec-Butylbenzene	13.383	105	1134586	48.86	ug/l	98
86) p-Isopropyltoluene	13.493	119	1026297	49.20	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	471210	48.39	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	461425	47.52	ug/l	98
89) n-Butylbenzene	13.822	91	1027487	49.65	ug/l	98
90) Hexachloroethane	14.091	117	190253	49.64	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	399299	46.55	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	29982	43.99	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	284422	46.83	ug/l	94
94) Hexachlorobutadiene	15.231	225	166199	48.32	ug/l	87
95) Naphthalene	15.359	128	497015	44.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	235542	46.62	ug/l	97

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

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