

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018335.D
 Acq On : 13 Mar 2021 00:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:40:40 PM

Quant Time: Mar 13 05:03:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:56:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	127315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	223379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	201448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	101803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	78830	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	7.885	113	72532	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.323	98	257483	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
62) 4-Bromofluorobenzene	12.615	95	101358	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	56423	48.65	ug/l	91
3) Chloromethane	2.221	50	46441	48.60	ug/l	96
4) Vinyl Chloride	2.367	62	66852	46.49	ug/l	99
5) Bromomethane	2.782	94	55038	48.07	ug/l	95
6) Chloroethane	2.928	64	42374	48.06	ug/l	92
7) Trichlorofluoromethane	3.263	101	57242	40.89	ug/l	95
8) Diethyl Ether	3.684	74	38596	55.97	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	72018	46.74	ug/l	95
10) Methyl Iodide	4.282	142	106706	50.80	ug/l	98
11) Tert butyl alcohol	5.166	59	19337	295.69	ug/l	99
12) 1,1-Dichloroethene	4.050	96	71540	48.26	ug/l	93
13) Acrolein	3.891	56	18485	215.64	ug/l	100
14) Allyl chloride	4.672	41	78906	47.23	ug/l	99
15) Acrylonitrile	5.367	53	75244	276.07	ug/l	99
16) Acetone	4.123	43	57035	263.39	ug/l	97
17) Carbon Disulfide	4.391	76	187911	46.97	ug/l	98
18) Methyl Acetate	4.672	43	32339	58.14	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	91473	51.44	ug/l	99
20) Methylene Chloride	4.922	84	83227	52.79	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	85070	51.14	ug/l	97
22) Diisopropyl ether	6.312	45	186027	53.88	ug/l	97
23) Vinyl Acetate	6.257	43	587934	281.64	ug/l	100
24) 1,1-Dichloroethane	6.214	63	139564	52.29	ug/l	100
25) 2-Butanone	7.171	43	89760	289.09	ug/l	99
26) 2,2-Dichloropropane	7.171	77	74208	44.53	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	93490	51.82	ug/l	98
28) Bromochloromethane	7.513	49	53187	55.08	ug/l	99
29) Tetrahydrofuran	7.525	42	58634	296.40	ug/l	99
30) Chloroform	7.677	83	161317	52.99	ug/l	97
31) Cyclohexane	7.952	56	105701	44.15	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	127561	49.20	ug/l	98
36) 1,1-Dichloropropene	8.080	75	116206	47.92	ug/l	99
37) Ethyl Acetate	7.251	43	41893	55.52	ug/l	99
38) Carbon Tetrachloride	8.067	117	122259	47.73	ug/l	97
39) Methylcyclohexane	9.336	83	137340	47.58	ug/l	98
40) Benzene	8.324	78	322451	50.68	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	24074	56.79	ug/l	97
42) 1,2-Dichloroethane	8.403	62	109660	52.29	ug/l	98
43) Isopropyl Acetate	8.421	43	83003	58.27	ug/l	98
44) Trichloroethene	9.092	130	89620	48.90	ug/l	92
45) 1,2-Dichloropropane	9.366	63	76263	52.26	ug/l	99
46) Dibromomethane	9.457	93	48508	53.72	ug/l	99
47) Bromodichloromethane	9.646	83	125918	54.37	ug/l	99
48) Methyl methacrylate	9.433	41	38779	55.56	ug/l	93
49) 1,4-Dioxane	9.445	88	13164	1206.89	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	211923	291.20	ug/l	99
52) Toluene	10.390	92	210057	49.81	ug/l	95
53) t-1,3-Dichloropropene	10.604	75	115781	56.22	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	128468	52.93	ug/l	96
55) 1,1,2-Trichloroethane	10.787	97	64870	53.61	ug/l	98
56) Ethyl methacrylate	10.646	69	79324	58.06	ug/l	98
57) 1,3-Dichloropropane	10.933	76	110582	54.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	191635	279.53	ug/l	99
59) 2-Hexanone	10.969	43	146365	296.48	ug/l	100
60) Dibromochloromethane	11.128	129	81188	55.36	ug/l	96
61) 1,2-Dibromoethane	11.232	107	66015	55.59	ug/l	97
64) Tetrachloroethene	10.860	164	68373	47.45	ug/l	94
65) Chlorobenzene	11.658	112	238457	51.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	86843	53.52	ug/l	99
67) Ethyl Benzene	11.731	91	430971	50.69	ug/l	97
68) m/p-Xylenes	11.835	106	320890	101.55	ug/l	100
69) o-Xylene	12.164	106	150833	52.16	ug/l	98
70) Styrene	12.177	104	256419	51.98	ug/l	100
71) Bromoform	12.347	173	42086	56.00	ug/l #	99
73) Isopropylbenzene	12.463	105	414901	46.84	ug/l	99
74) N-amyl acetate	12.274	43	76678	55.60	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	73464	51.60	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	47663m	49.80	ug/l	
77) Bromobenzene	12.750	156	94624	50.83	ug/l	96
78) n-propylbenzene	12.804	91	493789	47.48	ug/l	100
79) 2-Chlorotoluene	12.890	91	289335	47.99	ug/l	93
80) 1,3,5-Trimethylbenzene	12.945	105	366756	48.36	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	20652	54.03	ug/l	96
82) 4-Chlorotoluene	12.987	91	304417	48.22	ug/l	98
83) tert-Butylbenzene	13.207	119	306279	47.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	374436	49.69	ug/l	99
85) sec-Butylbenzene	13.384	105	418796	47.01	ug/l	99
86) p-Isopropyltoluene	13.493	119	388082	47.41	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	183735	48.83	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	180351	48.85	ug/l	98
89) n-Butylbenzene	13.823	91	369031	47.19	ug/l	100
90) Hexachloroethane	14.091	117	69386	49.12	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	170274	52.97	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	13800	55.93	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	113230	51.66	ug/l	93
94) Hexachlorobutadiene	15.231	225	57122	44.75	ug/l	85
95) Naphthalene	15.365	128	228364	53.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.560	180	97925	51.57	ug/l	99

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

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