

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031020\
 Data File : VW015113.D
 Acq On : 10 Mar 2020 15:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:22:16 PM

Quant Time: Mar 11 09:13:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	417798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	758344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	685362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	305290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	300587	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	7.88	113	228055	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.32	98	980600	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	329320	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	112455	44.389	ug/l 99
3) Chloromethane	2.21	50	244223	44.923	ug/l 99
4) Vinyl Chloride	2.37	62	335082	47.080	ug/l 98
5) Bromomethane	2.78	94	185763	45.661	ug/l 99
6) Chloroethane	2.92	64	201019	48.762	ug/l 99
7) Trichlorofluoromethane	3.26	101	210242	59.029	ug/l 100
8) Diethyl Ether	3.68	74	140822	51.889	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	270732	49.864	ug/l 98
10) Methyl Iodide	4.27	142	310492	51.404	ug/l 99
11) Tert butyl alcohol	5.17	59	87185	246.945	ug/l 100
12) 1,1-Dichloroethene	4.04	96	267035	50.304	ug/l 99
13) Acrolein	3.89	56	123044	238.298	ug/l 97
14) Allyl chloride	4.67	41	584815	54.974	ug/l 99
15) Acrylonitrile	5.36	53	362676	260.709	ug/l 100
16) Acetone	4.12	43	402933	287.600	ug/l 99
17) Carbon Disulfide	4.38	76	936251	49.745	ug/l 99
18) Methyl Acetate	4.67	43	173343	52.194	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	381592	56.154	ug/l 99
20) Methylene Chloride	4.91	84	311361	54.819	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	300283	53.279	ug/l 99
22) Diisopropyl ether	6.31	45	1149665	56.323	ug/l 99
23) Vinyl Acetate	6.25	43	3431462	284.778	ug/l 100
24) 1,1-Dichloroethane	6.21	63	623057	52.343	ug/l 99
25) 2-Butanone	7.16	43	536028	279.088	ug/l 100
26) 2,2-Dichloropropane	7.16	77	368139	54.075	ug/l 99
27) cis-1,2-Dichloroethene	7.16	96	312953	53.335	ug/l 98
28) Bromochloromethane	7.51	49	297376	52.138	ug/l 98
29) Tetrahydrofuran	7.52	42	330594	275.184	ug/l 99
30) Chloroform	7.67	83	545655	51.656	ug/l 98
31) Cyclohexane	7.95	56	626030	51.136	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	432711	52.463	ug/l 99
36) 1,1-Dichloropropene	8.08	75	480912	54.684	ug/l 99
37) Ethyl Acetate	7.24	43	232371	53.015	ug/l 99
38) Carbon Tetrachloride	8.06	117	375681	52.476	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	557093	55.401	ug/l	98
40) Benzene	8.32	78	1306454	53.456	ug/l	99
41) Methacrylonitrile	7.48	41	139298	60.093	ug/l	91
42) 1,2-Dichloroethane	8.40	62	395936	53.175	ug/l	100
43) Isopropyl Acetate	8.42	43	429282	54.631	ug/l	100
44) Trichloroethene	9.09	130	273450	52.563	ug/l	100
45) 1,2-Dichloropropane	9.37	63	349762	53.141	ug/l	99
46) Dibromomethane	9.46	93	149931	52.389	ug/l	98
47) Bromodichloromethane	9.64	83	407870	53.381	ug/l	99
48) Methyl methacrylate	9.43	41	217453	53.750	ug/l	93
49) 1,4-Dioxane	9.44	88	45485	1038.074	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	1137266	262.028	ug/l	100
52) Toluene	10.38	92	763795	54.402	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	413039	54.948	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	494907	54.047	ug/l	96
55) 1,1,2-Trichloroethane	10.78	97	203748	51.957	ug/l	97
56) Ethyl methacrylate	10.64	69	291444	51.478	ug/l	99
57) 1,3-Dichloropropane	10.93	76	400993	53.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	844720	284.522	ug/l	99
59) 2-Hexanone	10.96	43	799385	267.259	ug/l	99
60) Dibromochloromethane	11.13	129	214535	52.969	ug/l	99
61) 1,2-Dibromoethane	11.23	107	181472	52.199	ug/l	100
64) Tetrachloroethene	10.86	164	202936	51.309	ug/l	96
65) Chlorobenzene	11.65	112	726930	52.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	236939	51.723	ug/l	99
67) Ethyl Benzene	11.72	91	1496269	55.895	ug/l	100
68) m/p-Xylenes	11.83	106	1053089	111.281	ug/l	100
69) o-Xylene	12.16	106	472658	55.446	ug/l	99
70) Styrene	12.18	104	815737	55.847	ug/l	99
71) Bromoform	12.35	173	104321	51.315	ug/l #	99
73) Isopropylbenzene	12.46	105	1339746	57.449	ug/l	99
74) N-amyl acetate	12.27	43	398859	51.535	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	252015	53.218	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	155801m	45.155	ug/l	
77) Bromobenzene	12.74	156	250052	54.249	ug/l	98
78) n-propylbenzene	12.80	91	1752396	57.821	ug/l	100
79) 2-Chlorotoluene	12.89	91	960364	56.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1138377	56.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	82119	53.756	ug/l	94
82) 4-Chlorotoluene	12.99	91	1012202	55.779	ug/l	99
83) tert-Butylbenzene	13.20	119	931512	57.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1136368	56.679	ug/l	99
85) sec-Butylbenzene	13.38	105	1408924	57.311	ug/l	99
86) p-Isopropyltoluene	13.49	119	1199070	56.743	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	525703	53.828	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	508734	52.902	ug/l	99
89) n-Butylbenzene	13.82	91	1316299	57.759	ug/l	100
90) Hexachloroethane	14.09	117	225064	53.106	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	451328	52.765	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	39642	52.131	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.13	180	267809	54.713	ug/l	99
94) Hexachlorobutadiene	15.23	225	159100	51.771	ug/l	98
95) Naphthalene	15.36	128	530941	49.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	229929	52.961	ug/l	99

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

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