

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015095.D
 Acq On : 09 Mar 2020 11:55
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:23:58 PM

Quant Time: Mar 09 18:45:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:33:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	431696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	784532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	711246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	329371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	328889	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.88	113	244647	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.32	98	1055309	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.62	95	360700	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	120936	46.200	ug/l	100
3) Chloromethane	2.21	50	260408	46.358	ug/l	100
4) Vinyl Chloride	2.36	62	357443	48.605	ug/l	100
5) Bromomethane	2.78	94	195803	46.579	ug/l	100
6) Chloroethane	2.92	64	213168	50.044	ug/l	100
7) Trichlorofluoromethane	3.25	101	189167	51.402	ug/l	100
8) Diethyl Ether	3.68	74	146014	52.070	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	276028	49.202	ug/l	100
10) Methyl Iodide	4.27	142	313846	50.286	ug/l	100
11) Tert butyl alcohol	5.16	59	92352	253.158	ug/l	100
12) 1,1-Dichloroethene	4.04	96	277065	50.513	ug/l	100
13) Acrolein	3.89	56	137518	257.755	ug/l	100
14) Allyl chloride	4.67	41	570789	51.928	ug/l	100
15) Acrylonitrile	5.36	53	382663	266.220	ug/l	100
16) Acetone	4.12	43	389053	268.753	ug/l	100
17) Carbon Disulfide	4.39	76	981267	50.459	ug/l	100
18) Methyl Acetate	4.67	43	176819	51.527	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	383495	54.617	ug/l	100
20) Methylene Chloride	4.92	84	308465	46.028	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	298580	51.271	ug/l	100
22) Diisopropyl ether	6.31	45	1136633	53.892	ug/l	100
23) Vinyl Acetate	6.25	43	3464192	278.239	ug/l	100
24) 1,1-Dichloroethane	6.21	63	620569	50.456	ug/l	100
25) 2-Butanone	7.17	43	549856	277.071	ug/l	100
26) 2,2-Dichloropropane	7.17	77	346930	49.319	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	313072	51.638	ug/l	100
28) Bromochloromethane	7.51	49	311087	52.786	ug/l	100
29) Tetrahydrofuran	7.52	42	350140	282.071	ug/l	100
30) Chloroform	7.67	83	547358	50.149	ug/l	100
31) Cyclohexane	7.95	56	630027	49.806	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	432183	50.712	ug/l	100
36) 1,1-Dichloropropene	8.08	75	478611	52.605	ug/l	100
37) Ethyl Acetate	7.25	43	241288	53.212	ug/l	100
38) Carbon Tetrachloride	8.07	117	379803	51.281	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	560359	53.866	ug/l	100
40) Benzene	8.32	78	1305204	51.622	ug/l	100
41) Methacrylonitrile	7.48	41	128899	53.750	ug/l	100
42) 1,2-Dichloroethane	8.40	62	400284	51.965	ug/l	100
43) Isopropyl Acetate	8.42	43	442844	54.476	ug/l	100
44) Trichloroethene	9.09	130	275707	51.228	ug/l	100
45) 1,2-Dichloropropane	9.37	63	354482	52.060	ug/l	100
46) Dibromomethane	9.46	93	152592	51.539	ug/l	100
47) Bromodichloromethane	9.64	83	408403	51.666	ug/l	100
48) Methyl methacrylate	9.43	41	208725	55.634	ug/l	100
49) 1,4-Dioxane	9.45	88	53042	1170.134	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1200407	267.344	ug/l	100
52) Toluene	10.38	92	767701	52.855	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	416593	53.571	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	500847	52.870	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	213340	52.587	ug/l	100
56) Ethyl methacrylate	10.64	69	295921	56.531	ug/l	100
57) 1,3-Dichloropropane	10.93	76	411043	53.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	865200	281.692	ug/l	100
59) 2-Hexanone	10.96	43	813427	290.031	ug/l	100
60) Dibromochloromethane	11.12	129	223502	53.341	ug/l	100
61) 1,2-Dibromoethane	11.23	107	189734	52.754	ug/l	100
64) Tetrachloroethene	10.86	164	211750	51.589	ug/l	100
65) Chlorobenzene	11.66	112	734759	51.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	245982	51.743	ug/l	100
67) Ethyl Benzene	11.73	91	1487277	53.538	ug/l	100
68) m/p-Xylenes	11.83	106	1057657	107.696	ug/l	100
69) o-Xylene	12.16	106	479228	54.171	ug/l	100
70) Styrene	12.18	104	837277	55.235	ug/l	100
71) Bromoform	12.35	173	113361	53.732	ug/l	100
73) Isopropylbenzene	12.46	105	1365413	54.269	ug/l	100
74) N-amyl acetate	12.27	43	415068	55.822	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	269114	52.674	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	166299m	27.244	ug/l	
77) Bromobenzene	12.74	156	263032	52.893	ug/l	100
78) n-propylbenzene	12.80	91	1782708	54.520	ug/l	100
79) 2-Chlorotoluene	12.89	91	981578	53.393	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1175912	54.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89290	54.177	ug/l	100
82) 4-Chlorotoluene	12.99	91	1032172	52.721	ug/l	100
83) tert-Butylbenzene	13.21	119	960919	54.830	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1171678	54.167	ug/l	100
85) sec-Butylbenzene	13.38	105	1444315	54.455	ug/l	100
86) p-Isopropyltoluene	13.49	119	1257737	55.167	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	543363	51.568	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	534873	51.554	ug/l	100
89) n-Butylbenzene	13.82	91	1365009	55.518	ug/l	100
90) Hexachloroethane	14.09	117	234724	51.336	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	483131	52.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	43042	52.464	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	294146	55.700	ug/l	100
94) Hexachlorobutadiene	15.23	225	171707	51.788	ug/l	100
95) Naphthalene	15.36	128	594236	60.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	255780	54.608	ug/l	100

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

