

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030719\
 Data File : VW009034.D
 Acq On : 07 Mar 2019 12:12
 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
 3/8/2019 12:07:15 PM

Quant Time: Mar 08 04:51:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 03:11:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146108	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.88	113	131378	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.32	98	559983	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	212208	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	134383	44.968	ug/l	100
3) Chloromethane	2.21	50	174407	46.378	ug/l	100
4) Vinyl Chloride	2.35	62	179709	46.546	ug/l	100
5) Bromomethane	2.76	94	136144	41.407	ug/l	100
6) Chloroethane	2.92	64	129569	46.940	ug/l	100
7) Trichlorofluoromethane	3.26	101	232263	47.093	ug/l	100
8) Diethyl Ether	3.68	74	68150	45.816	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	142409	46.427	ug/l	100
10) Methyl Iodide	4.27	142	164257	56.355	ug/l	100
11) Tert butyl alcohol	5.17	59	51846	243.813	ug/l	100
12) 1,1-Dichloroethene	4.04	96	126605	47.416	ug/l	100
13) Acrolein	3.89	56	55772	219.085	ug/l	100
14) Allyl chloride	4.67	41	219696	47.452	ug/l	100
15) Acrylonitrile	5.37	53	155816	232.280	ug/l	100
16) Acetone	4.13	43	167228	245.824	ug/l	100
17) Carbon Disulfide	4.38	76	440129	49.188	ug/l	100
18) Methyl Acetate	4.68	43	71045	45.438	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	332612	47.248	ug/l	100
20) Methylene Chloride	4.92	84	157403	40.647	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	143552	46.544	ug/l	100
22) Diisopropyl ether	6.31	45	444873	47.713	ug/l	100
23) Vinyl Acetate	6.26	43	1368636	235.494	ug/l	100
24) 1,1-Dichloroethane	6.22	63	252923	46.778	ug/l	100
25) 2-Butanone	7.17	43	215879	233.777	ug/l	100
26) 2,2-Dichloropropane	7.17	77	227299	46.009	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	156888	47.760	ug/l	100
28) Bromochloromethane	7.51	49	103123	46.083	ug/l	100
29) Tetrahydrofuran	7.53	42	134408	227.021	ug/l	100
30) Chloroform	7.68	83	262097	47.437	ug/l	100
31) Cyclohexane	7.95	56	249685	45.385	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	240475	47.262	ug/l	100
36) 1,1-Dichloropropene	8.08	75	208567	47.990	ug/l	100
37) Ethyl Acetate	7.25	43	92524	45.315	ug/l	100
38) Carbon Tetrachloride	8.07	117	212697	47.223	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	258343	49.631	ug/l	100
40) Benzene	8.32	78	575331	49.788	ug/l	100
41) Methacrylonitrile	7.48	41	51738	48.084	ug/l	100
42) 1,2-Dichloroethane	8.40	62	180377	47.900	ug/l	100
43) Isopropyl Acetate	8.43	43	184789	48.383	ug/l	100
44) Trichloroethene	9.09	130	156370	48.130	ug/l	100
45) 1,2-Dichloropropane	9.37	63	140292	48.804	ug/l	100
46) Dibromomethane	9.46	93	76619	47.988	ug/l	100
47) Bromodichloromethane	9.64	83	193967	48.198	ug/l	100
48) Methyl methacrylate	9.43	41	93303	51.808	ug/l	100
49) 1,4-Dioxane	9.45	88	22975	980.162	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	475417	244.226	ug/l	100
52) Toluene	10.39	92	390278	49.517	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	199161	49.767	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	225759	49.442	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	102506	47.378	ug/l	100
56) Ethyl methacrylate	10.65	69	137554	50.702	ug/l	100
57) 1,3-Dichloropropane	10.93	76	183738	47.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	322189	228.561	ug/l	100
59) 2-Hexanone	10.97	43	348347	253.472	ug/l	100
60) Dibromochloromethane	11.13	129	131127	49.328	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101742	48.387	ug/l	100
64) Tetrachloroethene	10.86	164	144883	48.686	ug/l	100
65) Chlorobenzene	11.66	112	438615	49.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	144281	49.008	ug/l	100
67) Ethyl Benzene	11.73	91	802799	50.599	ug/l	100
68) m/p-Xylenes	11.84	106	638097	101.761	ug/l	100
69) o-Xylene	12.17	106	295539	50.556	ug/l	100
70) Styrene	12.18	104	487225	51.197	ug/l	100
71) Bromoform	12.35	173	77288	48.413	ug/l	# 100
73) Isopropylbenzene	12.47	105	822394	50.042	ug/l	100
74) N-amyl acetate	12.27	43	199897	50.885	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	123301	47.169	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	91178m	35.407	ug/l	
77) Bromobenzene	12.75	156	182890	48.669	ug/l	100
78) n-propylbenzene	12.80	91	1017114	50.416	ug/l	100
79) 2-Chlorotoluene	12.90	91	566016	49.929	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	713414	50.369	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38758	47.812	ug/l	100
82) 4-Chlorotoluene	12.99	91	603943	50.000	ug/l	100
83) tert-Butylbenzene	13.21	119	606650	50.990	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	731115	51.132	ug/l	100
85) sec-Butylbenzene	13.38	105	901138	51.118	ug/l	100
86) p-Isopropyltoluene	13.50	119	807979	51.133	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	391411	49.675	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	384992	49.460	ug/l	100
89) n-Butylbenzene	13.83	91	781458	51.875	ug/l	100
90) Hexachloroethane	14.10	117	136440	50.126	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	340137	49.281	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22805	46.994	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	240495	50.954	ug/l	100
94) Hexachlorobutadiene	15.24	225	147921	50.141	ug/l	100
95) Naphthalene	15.37	128	406061	51.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	210527	50.798	ug/l	100

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

