

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012535.D
 Acq On : 03 Sep 2019 09:08
 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
 APPROVED

MMDadoda
 9/4/2019 9:34:53 AM

Quant Time: Sep 03 14:12:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	148034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	133303	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.88	113	108245	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	432587	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	152674	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	74264	52.225	ug/l	99
3) Chloromethane	2.21	50	102363	46.463	ug/l	99
4) Vinyl Chloride	2.36	62	126129	46.775	ug/l	96
5) Bromomethane	2.78	94	62753	45.952	ug/l	100
6) Chloroethane	2.92	64	72314	47.539	ug/l	95
7) Trichlorofluoromethane	3.26	101	76476	56.482	ug/l	98
8) Diethyl Ether	3.68	74	63681	49.549	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113367	49.258	ug/l	97
10) Methyl Iodide	4.27	142	160059	51.400	ug/l	99
11) Tert butyl alcohol	5.20	59	42589	257.780	ug/l	98
12) 1,1-Dichloroethene	4.04	96	117053	50.531	ug/l	99
13) Acrolein	3.90	56	33776	217.181	ug/l	100
14) Allyl chloride	4.67	41	250277	50.538	ug/l	100
15) Acrylonitrile	5.37	53	159744	250.767	ug/l	99
16) Acetone	4.14	43	190373	271.275	ug/l	97
17) Carbon Disulfide	4.38	76	327789	46.821	ug/l	100
18) Methyl Acetate	4.67	43	83704	48.157	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	202914	54.167	ug/l	100
20) Methylene Chloride	4.91	84	124018	46.747	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	121980	49.105	ug/l	93
22) Diisopropyl ether	6.31	45	457761	49.868	ug/l	98
23) Vinyl Acetate	6.25	43	1444119	255.631	ug/l	100
24) 1,1-Dichloroethane	6.21	63	247361	49.491	ug/l	100
25) 2-Butanone	7.17	43	244171	256.045	ug/l	99
26) 2,2-Dichloropropane	7.17	77	152206	53.802	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	134285	50.597	ug/l	99
28) Bromochloromethane	7.51	49	99195	45.535	ug/l #	24
29) Tetrahydrofuran	7.53	42	144338	252.279	ug/l	98
30) Chloroform	7.67	83	228945	50.067	ug/l	97
31) Cyclohexane	7.95	56	222894	45.075	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	188663	52.154	ug/l	99
36) 1,1-Dichloropropene	8.08	75	189837	51.790	ug/l	100
37) Ethyl Acetate	7.25	43	99278	49.426	ug/l	98
38) Carbon Tetrachloride	8.07	117	168899	53.237	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	204459	49.651	ug/l	98
40) Benzene	8.32	78	511608	51.115	ug/l	99
41) Methacrylonitrile	7.48	41	61591	52.172	ug/l	98
42) 1,2-Dichloroethane	8.40	62	164615	52.477	ug/l	99
43) Isopropyl Acetate	8.42	43	195294	52.489	ug/l	100
44) Trichloroethene	9.09	130	130167	53.498	ug/l	95
45) 1,2-Dichloropropane	9.37	63	134365	49.881	ug/l	98
46) Dibromomethane	9.46	93	61901	51.648	ug/l	97
47) Bromodichloromethane	9.64	83	167735	52.586	ug/l	99
48) Methyl methacrylate	9.43	41	93555	52.831	ug/l	99
49) 1,4-Dioxane	9.46	88	18344	999.796	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	498771	263.562	ug/l	100
52) Toluene	10.38	92	311113	51.742	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176773	54.406	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	207993	53.017	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	88379	52.119	ug/l	99
56) Ethyl methacrylate	10.65	69	134093	54.333	ug/l	98
57) 1,3-Dichloropropane	10.93	76	168537	52.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	335535	264.905	ug/l	99
59) 2-Hexanone	10.97	43	368111	274.912	ug/l	100
60) Dibromochloromethane	11.13	129	101081	53.517	ug/l	98
61) 1,2-Dibromoethane	11.23	107	82847	52.442	ug/l	100
64) Tetrachloroethene	10.86	164	103466	52.549	ug/l	98
65) Chlorobenzene	11.65	112	316623	52.946	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	112840	54.089	ug/l	99
67) Ethyl Benzene	11.73	91	608221	52.799	ug/l	99
68) m/p-Xylenes	11.84	106	439072	105.814	ug/l	99
69) o-Xylene	12.16	106	204216	53.175	ug/l	99
70) Styrene	12.18	104	354665	53.353	ug/l	99
71) Bromoform	12.35	173	58297	56.087	ug/l #	99
73) Isopropylbenzene	12.46	105	578284	52.133	ug/l	99
74) N-amyl acetate	12.27	43	177092	52.842	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	102770	50.537	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69584m	48.264	ug/l	
77) Bromobenzene	12.74	156	126242	52.607	ug/l	97
78) n-propylbenzene	12.80	91	700507	51.730	ug/l	99
79) 2-Chlorotoluene	12.89	91	392867	51.100	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	484952	52.321	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35831	54.490	ug/l	98
82) 4-Chlorotoluene	12.99	91	412945	51.297	ug/l	99
83) tert-Butylbenzene	13.21	119	420112	53.508	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	483045	51.880	ug/l	99
85) sec-Butylbenzene	13.38	105	581071	51.657	ug/l	100
86) p-Isopropyltoluene	13.50	119	530145	52.774	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	243362	51.848	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242080	51.942	ug/l	100
89) n-Butylbenzene	13.82	91	520344	52.088	ug/l	100
90) Hexachloroethane	14.09	117	90026	51.079	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	215425	52.317	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17147	50.017	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	152952	53.751	ug/l	99
94) Hexachlorobutadiene	15.24	225	101838	54.200	ug/l	98
95) Naphthalene	15.36	128	281226	50.333	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	135786	54.693	ug/l	99

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

