

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008569.D
 Acq On : 08 Feb 2019 12:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 00:47:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	660716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1035345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	908250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	480466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	377455	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	
35) Dibromofluoromethane	7.88	113	342940	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
50) Toluene-d8	10.32	98	1353342	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
62) 4-Bromofluorobenzene	12.62	95	529262	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	187342	49.126	ug/l	95
3) Chloromethane	2.21	50	239449	44.398	ug/l	98
4) Vinyl Chloride	2.37	62	332951	48.496	ug/l	100
5) Bromomethane	2.78	94	214836	48.515	ug/l	95
6) Chloroethane	2.92	64	220205	52.445	ug/l	100
7) Trichlorofluoromethane	3.25	101	244393	41.784	ug/l	96
8) Diethyl Ether	3.67	74	174345	52.912	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	342412	57.299	ug/l	100
10) Methyl Iodide	4.26	142	502078	53.192	ug/l	98
11) Tert butyl alcohol	5.17	59	135990	260.222	ug/l	96
12) 1,1-Dichloroethene	4.03	96	324039	53.580	ug/l	94
13) Acrolein	3.88	56	96311	209.571	ug/l	91
14) Allyl chloride	4.66	41	628769	54.752	ug/l	98
15) Acrylonitrile	5.36	53	378322	265.900	ug/l	99
16) Acetone	4.12	43	405607	278.264	ug/l	96
17) Carbon Disulfide	4.37	76	906314	46.922	ug/l	96
18) Methyl Acetate	4.67	43	220099	56.613	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	569436	56.909	ug/l	99
20) Methylene Chloride	4.90	84	368852	54.902	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	355853	52.338	ug/l	98
22) Diisopropyl ether	6.31	45	1156353	53.130	ug/l	98
23) Vinyl Acetate	6.25	43	3333657	259.396	ug/l	100
24) 1,1-Dichloroethane	6.21	63	672205	54.563	ug/l	99
25) 2-Butanone	7.17	43	524265	258.945	ug/l	100
26) 2,2-Dichloropropane	7.16	77	463875	55.704	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	395278	53.345	ug/l	97
28) Bromochloromethane	7.51	49	283901	50.172	ug/l	99
29) Tetrahydrofuran	7.52	42	329819	257.068	ug/l	99
30) Chloroform	7.67	83	673115	55.548	ug/l	99
31) Cyclohexane	7.95	56	606672	47.624	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	582866	55.690	ug/l	99
36) 1,1-Dichloropropene	8.08	75	535406	54.745	ug/l	99
37) Ethyl Acetate	7.25	43	223071	51.554	ug/l	98
38) Carbon Tetrachloride	8.06	117	547176	55.599	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	648894	50.507	ug/l	98
40) Benzene	8.32	78	1431301	52.741	ug/l	100
41) Methacrylonitrile	7.48	41	148190	57.840	ug/l	95
42) 1,2-Dichloroethane	8.40	62	444925	56.573	ug/l	98
43) Isopropyl Acetate	8.42	43	468076	52.070	ug/l	99
44) Trichloroethene	9.09	130	392314	53.161	ug/l	100
45) 1,2-Dichloropropane	9.37	63	360496	53.276	ug/l	97
46) Dibromomethane	9.46	93	185352	53.257	ug/l	98
47) Bromodichloromethane	9.64	83	501764	54.507	ug/l	99
48) Methyl methacrylate	9.43	41	224684	51.117	ug/l	99
49) 1,4-Dioxane	9.44	88	63505	1079.504	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1145990	258.047	ug/l	100
52) Toluene	10.38	92	946513	52.835	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	524844	53.581	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	591384	53.200	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	255569	52.942	ug/l	98
56) Ethyl methacrylate	10.65	69	345410	51.064	ug/l	99
57) 1,3-Dichloropropane	10.93	76	457852	52.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	849396	258.447	ug/l	99
59) 2-Hexanone	10.97	43	835264	266.417	ug/l	99
60) Dibromochloromethane	11.13	129	325350	52.445	ug/l	99
61) 1,2-Dibromoethane	11.24	107	250285	52.289	ug/l	100
64) Tetrachloroethene	10.86	164	322897	52.508	ug/l	93
65) Chlorobenzene	11.66	112	1017815	54.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	364661	54.973	ug/l	98
67) Ethyl Benzene	11.73	91	1874149	54.992	ug/l	100
68) m/p-Xylenes	11.84	106	1437765	108.731	ug/l	100
69) o-Xylene	12.16	106	680327	54.149	ug/l	98
70) Styrene	12.18	104	1115405	53.746	ug/l	100
71) Bromoform	12.35	173	195315	52.332	ug/l #	98
73) Isopropylbenzene	12.46	105	1939196	54.138	ug/l	100
74) N-amyl acetate	12.27	43	459483	49.794	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	294880	51.998	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	214895m	51.443	ug/l	
77) Bromobenzene	12.75	156	414245	52.954	ug/l	100
78) n-propylbenzene	12.80	91	2338817	54.364	ug/l	99
79) 2-Chlorotoluene	12.90	91	1328298	54.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1630742	54.468	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	103816	49.085	ug/l	92
82) 4-Chlorotoluene	12.99	91	1383561	53.528	ug/l	99
83) tert-Butylbenzene	13.21	119	1431007	53.712	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1655380	54.398	ug/l	99
85) sec-Butylbenzene	13.38	105	2085363	54.807	ug/l	100
86) p-Isopropyltoluene	13.50	119	1839529	55.193	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	857997	54.309	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	840962	53.562	ug/l	100
89) n-Butylbenzene	13.83	91	1787646	54.628	ug/l	100
90) Hexachloroethane	14.10	117	346598	53.177	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	753043	53.870	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	55757	51.819	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	545034	54.637	ug/l	99
94) Hexachlorobutadiene	15.24	225	337301	56.106	ug/l	99
95) Naphthalene	15.37	128	949711	54.221	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	449711	53.145	ug/l	98

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

