

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008517.D
 Acq On : 06 Feb 2019 10:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 07 01:56:47 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	603967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	905795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	792474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	408511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	268688	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	7.88	113	265235	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.32	98	1009514	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.62	95	368165	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	161006	46.382	ug/l	98
3) Chloromethane	2.21	50	210002	42.597	ug/l	99
4) Vinyl Chloride	2.37	62	311404	49.620	ug/l	98
5) Bromomethane	2.78	94	227889	56.298	ug/l	96
6) Chloroethane	2.93	64	223903	58.337	ug/l	98
7) Trichlorofluoromethane	3.25	101	246921	45.686	ug/l	96
8) Diethyl Ether	3.67	74	146046	48.488	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	290779	53.231	ug/l	99
10) Methyl Iodide	4.26	142	438179	50.784	ug/l	100
11) Tert butyl alcohol	5.17	59	97209	203.491	ug/l	98
12) 1,1-Dichloroethene	4.03	96	274371	49.631	ug/l	97
13) Acrolein	3.89	56	86040	204.908	ug/l	99
14) Allyl chloride	4.65	41	478433	45.575	ug/l	97
15) Acrylonitrile	5.36	53	296868	228.255	ug/l	98
16) Acetone	4.12	43	357973	268.661	ug/l	97
17) Carbon Disulfide	4.37	76	768849	43.546	ug/l	98
18) Methyl Acetate	4.67	43	169710	47.753	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	443095	48.443	ug/l	99
20) Methylene Chloride	4.90	84	279577	45.524	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	301618	48.530	ug/l	94
22) Diisopropyl ether	6.31	45	896128	45.042	ug/l	96
23) Vinyl Acetate	6.25	43	2626725	223.593	ug/l	98
24) 1,1-Dichloroethane	6.21	63	537093	47.692	ug/l	98
25) 2-Butanone	7.17	43	447591	241.846	ug/l	97
26) 2,2-Dichloropropane	7.16	77	369172	48.498	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	332457	49.082	ug/l	97
28) Bromochloromethane	7.51	49	230970	44.653	ug/l	95
29) Tetrahydrofuran	7.52	42	262598	223.906	ug/l	98
30) Chloroform	7.67	83	540879	48.830	ug/l	97
31) Cyclohexane	7.95	56	488626	41.961	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	468896	49.010	ug/l	99
36) 1,1-Dichloropropene	8.08	75	437429	51.124	ug/l	99
37) Ethyl Acetate	7.25	43	180725	47.741	ug/l	98
38) Carbon Tetrachloride	8.06	117	457170	53.097	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	541951	48.216	ug/l	97
40) Benzene	8.32	78	1185904	49.949	ug/l	98
41) Methacrylonitrile	7.48	41	114704	51.174	ug/l	96
42) 1,2-Dichloroethane	8.40	62	344397	50.054	ug/l	100
43) Isopropyl Acetate	8.42	43	374068	47.564	ug/l	98
44) Trichloroethene	9.09	130	336393	52.102	ug/l	99
45) 1,2-Dichloropropane	9.37	63	297120	50.190	ug/l	99
46) Dibromomethane	9.45	93	153144	50.296	ug/l	98
47) Bromodichloromethane	9.64	83	402472	49.974	ug/l	97
48) Methyl methacrylate	9.43	41	180136	46.844	ug/l	100
49) 1,4-Dioxane	9.45	88	45030	874.930	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	918520	236.407	ug/l	100
52) Toluene	10.38	92	767351	48.961	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	416598	48.613	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	474080	48.747	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	212193	50.243	ug/l	97
56) Ethyl methacrylate	10.65	69	276164	46.667	ug/l	98
57) 1,3-Dichloropropane	10.93	76	373597	49.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	737550	256.512	ug/l	96
59) 2-Hexanone	10.97	43	728878	265.734	ug/l	99
60) Dibromochloromethane	11.13	129	277565	51.142	ug/l	98
61) 1,2-Dibromoethane	11.24	107	207008	49.433	ug/l	100
64) Tetrachloroethene	10.86	164	281157	52.400	ug/l	98
65) Chlorobenzene	11.66	112	837779	51.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	303345	52.410	ug/l	98
67) Ethyl Benzene	11.73	91	1511552	50.832	ug/l	100
68) m/p-Xylenes	11.84	106	1174732	101.818	ug/l	97
69) o-Xylene	12.16	106	552272	50.379	ug/l	99
70) Styrene	12.18	104	899120	49.654	ug/l	99
71) Bromoform	12.35	173	164072	50.383	ug/l #	99
73) Isopropylbenzene	12.46	105	1556872	51.120	ug/l	99
74) N-amyl acetate	12.27	43	368401	46.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	243207	50.440	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	177495m	49.974	ug/l	
77) Bromobenzene	12.75	156	348891	52.456	ug/l	93
78) n-propylbenzene	12.80	91	1866466	51.026	ug/l	99
79) 2-Chlorotoluene	12.90	91	1032928	50.042	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1290737	50.706	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	85984	47.815	ug/l	97
82) 4-Chlorotoluene	12.99	91	1081179	49.197	ug/l	98
83) tert-Butylbenzene	13.21	119	1180967	52.134	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1319883	51.013	ug/l	100
85) sec-Butylbenzene	13.38	105	1671491	51.668	ug/l	100
86) p-Isopropyltoluene	13.50	119	1499974	52.933	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	705694	52.536	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	691091	51.770	ug/l	99
89) n-Butylbenzene	13.83	91	1434120	51.544	ug/l	99
90) Hexachloroethane	14.10	117	286871	51.766	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	613112	51.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	42253	46.185	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	457093	53.893	ug/l	99
94) Hexachlorobutadiene	15.24	225	280937	54.962	ug/l	100
95) Naphthalene	15.37	128	782186	52.522	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	385221	53.542	ug/l	99

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

