

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008614.D
 Acq On : 12 Feb 2019 11:05
 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 13 00:29:55 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	7.94	168	419173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	629286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	549073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	293580	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	198402	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	7.88	113	189212	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.32	98	745008	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.62	95	274995	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	103867	43.342	ug/l	99
3) Chloromethane	2.21	50	146544	42.829	ug/l	100
4) Vinyl Chloride	2.36	62	247467	56.816	ug/l	99
5) Bromomethane	2.78	94	184131	65.541	ug/l	96
6) Chloroethane	2.92	64	185104	69.489	ug/l	97
7) Trichlorofluoromethane	3.25	101	179044	47.519	ug/l	97
8) Diethyl Ether	3.67	74	108165	51.743	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	222192	58.607	ug/l	97
10) Methyl Iodide	4.26	142	335082	55.956	ug/l	99
11) Tert butyl alcohol	5.17	59	78107	235.585	ug/l	96
12) 1,1-Dichloroethene	4.03	96	210062	54.749	ug/l	96
13) Acrolein	3.89	56	59875	205.447	ug/l	95
14) Allyl chloride	4.65	41	366574	50.314	ug/l	95
15) Acrylonitrile	5.36	53	228566	253.215	ug/l	99
16) Acetone	4.12	43	233156	252.128	ug/l	100
17) Carbon Disulfide	4.37	76	552914	45.121	ug/l	98
18) Methyl Acetate	4.66	43	133954	54.309	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	348998	54.977	ug/l	99
20) Methylene Chloride	4.90	84	216217	50.728	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	229438	53.191	ug/l	95
22) Diisopropyl ether	6.31	45	705968	51.127	ug/l	97
23) Vinyl Acetate	6.24	43	2000771	245.392	ug/l	98
24) 1,1-Dichloroethane	6.21	63	419713	53.700	ug/l	99
25) 2-Butanone	7.17	43	316508	246.412	ug/l	98
26) 2,2-Dichloropropane	7.16	77	289779	54.850	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	254510	54.140	ug/l	100
28) Bromochloromethane	7.51	49	168635	46.975	ug/l	96
29) Tetrahydrofuran	7.52	42	198556	243.936	ug/l	98
30) Chloroform	7.67	83	427180	55.567	ug/l	99
31) Cyclohexane	7.95	56	375693	46.486	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	370915	55.860	ug/l	99
36) 1,1-Dichloropropene	8.07	75	335825	56.495	ug/l	98
37) Ethyl Acetate	7.24	43	134243	51.045	ug/l	99
38) Carbon Tetrachloride	8.06	117	353388	59.078	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	407992	52.247	ug/l	100
40) Benzene	8.32	78	914165	55.422	ug/l	98
41) Methacrylonitrile	7.48	41	91029	58.456	ug/l	95
42) 1,2-Dichloroethane	8.40	62	272417	56.990	ug/l	99
43) Isopropyl Acetate	8.42	43	282379	51.682	ug/l	98
44) Trichloroethene	9.09	130	258610	57.655	ug/l	94
45) 1,2-Dichloropropane	9.37	63	228253	55.499	ug/l	99
46) Dibromomethane	9.45	93	115785	54.736	ug/l	97
47) Bromodichloromethane	9.64	83	312579	55.866	ug/l	99
48) Methyl methacrylate	9.43	41	132530	49.607	ug/l	97
49) 1,4-Dioxane	9.44	88	42024	1175.305	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	700835	259.639	ug/l	100
52) Toluene	10.38	92	597818	54.904	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	318756	53.540	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	369516	54.691	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	164919	56.208	ug/l	98
56) Ethyl methacrylate	10.65	69	205051	49.875	ug/l	98
57) 1,3-Dichloropropane	10.93	76	287563	54.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	488673	244.634	ug/l	98
59) 2-Hexanone	10.97	43	499204	261.971	ug/l	98
60) Dibromochloromethane	11.13	129	206428	54.747	ug/l	100
61) 1,2-Dibromoethane	11.23	107	155713	53.523	ug/l	100
64) Tetrachloroethene	10.86	164	217061	58.388	ug/l	98
65) Chlorobenzene	11.66	112	657699	58.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	241707	60.273	ug/l	100
67) Ethyl Benzene	11.73	91	1196506	58.074	ug/l	99
68) m/p-Xylenes	11.84	106	917702	114.800	ug/l	99
69) o-Xylene	12.16	106	436596	57.481	ug/l	99
70) Styrene	12.18	104	718448	57.265	ug/l	98
71) Bromoform	12.35	173	120067	53.214	ug/l	99
73) Isopropylbenzene	12.46	105	1244249	56.849	ug/l	99
74) N-amyl acetate	12.27	43	280376	49.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	183384	52.923	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	103886m	40.700	ug/l	
77) Bromobenzene	12.75	156	271621	56.825	ug/l	96
78) n-propylbenzene	12.80	91	1510218	57.450	ug/l	99
79) 2-Chlorotoluene	12.90	91	839579	56.598	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1038495	56.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	62535	48.389	ug/l	91
82) 4-Chlorotoluene	12.99	91	887432	56.190	ug/l	99
83) tert-Butylbenzene	13.21	119	933484	57.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1084426	58.320	ug/l	100
85) sec-Butylbenzene	13.38	105	1366292	58.767	ug/l	100
86) p-Isopropyltoluene	13.50	119	1224035	60.105	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	574002	59.461	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	563624	58.750	ug/l	99
89) n-Butylbenzene	13.83	91	1176791	58.853	ug/l	99
90) Hexachloroethane	14.10	117	224854	56.459	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	496799	58.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31554	47.993	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	357162	58.596	ug/l	100
94) Hexachlorobutadiene	15.24	225	225859	61.484	ug/l	99
95) Naphthalene	15.37	128	586961	54.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	297304	57.500	ug/l	99

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

