

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006679.D
 Acq On : 06 Nov 2018 11:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:07 PM

Quant Time: Nov 06 14:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194915	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	101699	44.48	ug/l	0.00
Spiked Amount						
			Recovery	=	88.96%	
35) Dibromofluoromethane	7.88	113	112870	49.75	ug/l	0.00
Spiked Amount						
			Recovery	=	99.50%	
50) Toluene-d8	10.33	98	430524	49.85	ug/l	0.00
Spiked Amount						
			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	155476	49.66	ug/l	0.00
Spiked Amount						
			Recovery	=	99.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66835	48.467	ug/l	99
3) Chloromethane	2.21	50	76345	44.746	ug/l	99
4) Vinyl Chloride	2.37	62	115228	48.368	ug/l	99
5) Bromomethane	2.79	94	93387	46.709	ug/l	99
6) Chloroethane	2.93	64	82404	49.505	ug/l	98
7) Trichlorofluoromethane	3.26	101	111535	53.017	ug/l	96
8) Diethyl Ether	3.68	74	49483	43.029	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116647	51.924	ug/l	99
10) Methyl Iodide	4.26	142	189067	46.416	ug/l	100
11) Tert butyl alcohol	5.24	59	25575	207.591	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	108557	50.032	ug/l	95
13) Acrolein	3.90	56	34452	222.342	ug/l	98
14) Allyl chloride	4.67	41	139474	49.245	ug/l	99
15) Acrylonitrile	5.38	53	93102	225.788	ug/l	100
16) Acetone	4.15	43	97594	264.364	ug/l	98
17) Carbon Disulfide	4.37	76	313096	50.708	ug/l	100
18) Methyl Acetate	4.68	43	46025	43.356	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	145592	45.079	ug/l	98
20) Methylene Chloride	4.91	84	112228	46.490	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122211	49.777	ug/l	97
22) Diisopropyl ether	6.31	45	280820	47.560	ug/l	98
23) Vinyl Acetate	6.26	43	782618	239.016	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195260	48.794	ug/l	100
25) 2-Butanone	7.18	43	123487	234.416	ug/l	99
26) 2,2-Dichloropropane	7.16	77	132070	54.788	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	133040	48.435	ug/l	99
28) Bromochloromethane	7.51	49	73541	46.281	ug/l	99
29) Tetrahydrofuran	7.54	42	71871	216.913	ug/l	98
30) Chloroform	7.68	83	212392	48.410	ug/l	98
31) Cyclohexane	7.96	56	178535	49.019	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	190531	51.321	ug/l	100
36) 1,1-Dichloropropene	8.09	75	170891	53.758	ug/l	99
37) Ethyl Acetate	7.26	43	52986	48.098	ug/l	98
38) Carbon Tetrachloride	8.07	117	185693	55.903	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226823	56.226	ug/l	99
40) Benzene	8.32	78	474226	52.521	ug/l	100
41) Methacrylonitrile	7.49	41	29621	43.849	ug/l	93
42) 1,2-Dichloroethane	8.40	62	126742	48.945	ug/l	100
43) Isopropyl Acetate	8.43	43	104280	47.437	ug/l	99
44) Trichloroethene	9.09	130	148130	53.164	ug/l	100
45) 1,2-Dichloropropane	9.37	63	109827	52.266	ug/l	100
46) Dibromomethane	9.46	93	60701	49.142	ug/l	99
47) Bromodichloromethane	9.65	83	151050	52.666	ug/l	99
48) Methyl methacrylate	9.44	41	50074	47.279	ug/l	97
49) 1,4-Dioxane	9.49	88	17619	974.655	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	269658	238.846	ug/l	100
52) Toluene	10.39	92	318671	52.620	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	146795	53.182	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	174439	53.479	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	87877	50.141	ug/l	94
56) Ethyl methacrylate	10.65	69	97503	48.947	ug/l	98
57) 1,3-Dichloropropane	10.93	76	141512	49.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	233969	241.623	ug/l	100
59) 2-Hexanone	10.98	43	194932	254.212	ug/l	100
60) Dibromochloromethane	11.13	129	108883	52.436	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86541	49.724	ug/l	100
64) Tetrachloroethene	10.87	164	132579	49.905	ug/l	98
65) Chlorobenzene	11.66	112	367076	52.342	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	128765	52.239	ug/l	98
67) Ethyl Benzene	11.74	91	631446	53.869	ug/l	100
68) m/p-Xylenes	11.85	106	508249	108.526	ug/l	100
69) o-Xylene	12.17	106	236727	53.096	ug/l	99
70) Styrene	12.19	104	390142	53.673	ug/l	100
71) Bromoform	12.35	173	68708	52.584	ug/l #	99
73) Isopropylbenzene	12.47	105	671703	52.313	ug/l	100
74) N-amyl acetate	12.28	43	103913	46.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	98644	48.642	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62592m	41.158	ug/l	
77) Bromobenzene	12.75	156	166021	49.939	ug/l	99
78) n-propylbenzene	12.81	91	790222	53.506	ug/l	100
79) 2-Chlorotoluene	12.90	91	436654	51.517	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	569547	52.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	27991	47.790	ug/l	98
82) 4-Chlorotoluene	12.99	91	458845	51.170	ug/l	100
83) tert-Butylbenzene	13.21	119	508448	52.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	578272	52.263	ug/l	99
85) sec-Butylbenzene	13.39	105	728129	54.043	ug/l	100
86) p-Isopropyltoluene	13.51	119	661709	53.976	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339614	51.872	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	332773	51.277	ug/l	99
89) n-Butylbenzene	13.83	91	600152	55.148	ug/l	100
90) Hexachloroethane	14.10	117	110683	54.933	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	294810	50.059	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15115	45.933	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	220358	50.321	ug/l	100
94) Hexachlorobutadiene	15.25	225	144693	53.016	ug/l	99
95) Naphthalene	15.38	128	341094	48.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	187466	48.709	ug/l	100

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

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