

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005854.D
 Acq On : 04 Oct 2018 13:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:49:50 PM

Quant Time: Oct 04 14:08:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	321606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124410	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	7.89	113	105874	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.33	98	430806	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	160723	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	63455	49.474	ug/l	93
3) Chloromethane	2.21	50	70874	45.857	ug/l	99
4) Vinyl Chloride	2.37	62	110411	48.787	ug/l	95
5) Bromomethane	2.79	94	72135	45.737	ug/l	100
6) Chloroethane	2.93	64	65035	46.985	ug/l	98
7) Trichlorofluoromethane	3.26	101	79934	51.357	ug/l	98
8) Diethyl Ether	3.68	74	55615	47.121	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109776	50.996	ug/l	99
10) Methyl Iodide	4.26	142	170844	48.911	ug/l	98
11) Tert butyl alcohol	5.22	59	32950	199.997	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	105691	50.107	ug/l	96
13) Acrolein	3.90	56	37377	225.797	ug/l	97
14) Allyl chloride	4.67	41	172995	50.537	ug/l	99
15) Acrylonitrile	5.38	53	113041	226.011	ug/l	99
16) Acetone	4.14	43	120289	264.541	ug/l	96
17) Carbon Disulfide	4.37	76	339049	50.837	ug/l	99
18) Methyl Acetate	4.68	43	57023	44.095	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	161789	48.859	ug/l	95
20) Methylene Chloride	4.91	84	117880	46.735	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	116531	50.616	ug/l	97
22) Diisopropyl ether	6.32	45	334620	49.808	ug/l	96
23) Vinyl Acetate	6.26	43	965512	252.999	ug/l	100
24) 1,1-Dichloroethane	6.22	63	211662	48.555	ug/l	99
25) 2-Butanone	7.18	43	145511	227.491	ug/l	99
26) 2,2-Dichloropropane	7.17	77	138054	50.721	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	125838	49.036	ug/l	99
28) Bromochloromethane	7.52	49	67628	43.924	ug/l	100
29) Tetrahydrofuran	7.54	42	93209	236.053	ug/l	99
30) Chloroform	7.68	83	220341	47.166	ug/l	100
31) Cyclohexane	7.96	56	195279	52.401	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	195676	49.076	ug/l	99
36) 1,1-Dichloropropene	8.09	75	177828	55.627	ug/l	99
37) Ethyl Acetate	7.26	43	63125	47.446	ug/l	99
38) Carbon Tetrachloride	8.07	117	190771	53.557	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	218928	60.834	ug/l	98
40) Benzene	8.33	78	484393	52.283	ug/l	97
41) Methacrylonitrile	7.49	41	41821	52.602	ug/l	99
42) 1,2-Dichloroethane	8.40	62	153481	49.253	ug/l	99
43) Isopropyl Acetate	8.43	43	131253	49.910	ug/l	98
44) Trichloroethene	9.09	130	129408	52.848	ug/l	98
45) 1,2-Dichloropropane	9.37	63	115934	52.844	ug/l	97
46) Dibromomethane	9.46	93	59925	49.943	ug/l	99
47) Bromodichloromethane	9.65	83	161381	50.819	ug/l	97
48) Methyl methacrylate	9.44	41	65226	51.230	ug/l	98
49) 1,4-Dioxane	9.47	88	18543	989.102	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	329738	241.012	ug/l	100
52) Toluene	10.39	92	311992	52.835	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	165418	53.350	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	184303	53.091	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	83987	48.452	ug/l	98
56) Ethyl methacrylate	10.65	69	109491	52.742	ug/l	99
57) 1,3-Dichloropropane	10.93	76	146879	49.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	208507	244.310	ug/l	99
59) 2-Hexanone	10.98	43	236418	258.357	ug/l	100
60) Dibromochloromethane	11.13	129	106963	49.431	ug/l	96
61) 1,2-Dibromoethane	11.24	107	80215	49.818	ug/l	99
64) Tetrachloroethene	10.87	164	116368	49.714	ug/l	98
65) Chlorobenzene	11.66	112	338214	51.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123723	50.908	ug/l	99
67) Ethyl Benzene	11.74	91	612909	54.591	ug/l	100
68) m/p-Xylenes	11.85	106	473185	109.374	ug/l	98
69) o-Xylene	12.17	106	222572	55.349	ug/l	100
70) Styrene	12.19	104	376165	55.149	ug/l	99
71) Bromoform	12.35	173	65816	49.193	ug/l #	100
73) Isopropylbenzene	12.47	105	634506	56.769	ug/l	100
74) N-amyl acetate	12.28	43	126972	52.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94573	49.315	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66329m	44.928	ug/l	
77) Bromobenzene	12.76	156	144430	52.337	ug/l	98
78) n-propylbenzene	12.81	91	746297	56.137	ug/l	99
79) 2-Chlorotoluene	12.90	91	433409	54.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	544723	56.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	31604	54.113	ug/l	97
82) 4-Chlorotoluene	12.99	91	461426	55.284	ug/l	100
83) tert-Butylbenzene	13.21	119	462274	57.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	556161	55.805	ug/l	100
85) sec-Butylbenzene	13.39	105	667933	57.162	ug/l	99
86) p-Isopropyltoluene	13.51	119	606403	57.816	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292305	52.507	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	289929	52.198	ug/l	99
89) n-Butylbenzene	13.83	91	564001	58.386	ug/l	100
90) Hexachloroethane	14.10	117	103910	52.691	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	259691	51.884	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17169	46.308	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	190620	54.495	ug/l	99
94) Hexachlorobutadiene	15.24	225	120993	54.702	ug/l	99
95) Naphthalene	15.38	128	321535	48.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	162110	51.549	ug/l	99

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

