

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006759.D
 Acq On : 08 Nov 2018 11:48
 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

MMDadoda
 11/9/2018 1:37:38 PM

Quant Time: Nov 09 11:18:10 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	314409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112060	41.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.92%	
35) Dibromofluoromethane	7.88	113	125616	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.33	98	487818	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.62	95	173583	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	84715	51.976	ug/l	99
3) Chloromethane	2.21	50	96435	47.820	ug/l	100
4) Vinyl Chloride	2.37	62	148235	52.643	ug/l	99
5) Bromomethane	2.79	94	115610	48.923	ug/l	99
6) Chloroethane	2.93	64	100999	51.335	ug/l	98
7) Trichlorofluoromethane	3.26	101	136935	55.070	ug/l	96
8) Diethyl Ether	3.68	74	57681	42.436	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	147484	55.544	ug/l	100
10) Methyl Iodide	4.26	142	231268	48.036	ug/l	100
11) Tert butyl alcohol	5.23	59	29700	203.961	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	134296	52.366	ug/l	98
13) Acrolein	3.90	56	39632	216.396	ug/l	99
14) Allyl chloride	4.67	41	170434	50.913	ug/l	99
15) Acrylonitrile	5.37	53	108829	223.297	ug/l	99
16) Acetone	4.15	43	121542	278.549	ug/l	99
17) Carbon Disulfide	4.37	76	385063	52.763	ug/l	100
18) Methyl Acetate	4.68	43	52740	42.034	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	164812	43.174	ug/l	98
20) Methylene Chloride	4.91	84	136007	47.839	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	146991	50.653	ug/l	99
22) Diisopropyl ether	6.31	45	333314	47.760	ug/l	99
23) Vinyl Acetate	6.26	43	892290	230.558	ug/l	99
24) 1,1-Dichloroethane	6.21	63	236644	50.032	ug/l	100
25) 2-Butanone	7.18	43	142584	228.999	ug/l	97
26) 2,2-Dichloropropane	7.16	77	163499	57.384	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	159468	49.119	ug/l	99
28) Bromochloromethane	7.51	49	84097	44.777	ug/l	99
29) Tetrahydrofuran	7.54	42	80979	206.776	ug/l	99
30) Chloroform	7.68	83	256284	49.421	ug/l	99
31) Cyclohexane	7.96	56	216902	50.385	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	232656	53.021	ug/l	100
36) 1,1-Dichloropropene	8.08	75	207732	55.228	ug/l	99
37) Ethyl Acetate	7.26	43	57865	44.393	ug/l	99
38) Carbon Tetrachloride	8.07	117	228551	58.151	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	274946	57.601	ug/l	99
40) Benzene	8.32	78	578638	54.161	ug/l	100
41) Methacrylonitrile	7.48	41	34454	43.106	ug/l	95
42) 1,2-Dichloroethane	8.40	62	149124	48.671	ug/l	100
43) Isopropyl Acetate	8.43	43	116406	44.753	ug/l	99
44) Trichloroethene	9.09	130	178364	54.102	ug/l	100
45) 1,2-Dichloropropane	9.37	63	132207	53.174	ug/l	97
46) Dibromomethane	9.46	93	72110	49.339	ug/l	99
47) Bromodichloromethane	9.65	83	178340	52.553	ug/l	98
48) Methyl methacrylate	9.44	41	56106	44.771	ug/l	97
49) 1,4-Dioxane	9.48	88	21046	983.950	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	301723	225.864	ug/l	100
52) Toluene	10.39	92	384154	53.610	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	173205	53.033	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	205736	53.307	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101915	49.146	ug/l	95
56) Ethyl methacrylate	10.65	69	109523	46.468	ug/l	98
57) 1,3-Dichloropropane	10.93	76	165458	49.136	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	268929	234.720	ug/l	100
59) 2-Hexanone	10.97	43	220171	242.665	ug/l	99
60) Dibromochloromethane	11.13	129	127455	51.875	ug/l	100
61) 1,2-Dibromoethane	11.24	107	99177	48.160	ug/l	99
64) Tetrachloroethene	10.87	164	160292	51.885	ug/l	99
65) Chlorobenzene	11.66	112	440140	53.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	156603	54.633	ug/l	100
67) Ethyl Benzene	11.74	91	763801	56.033	ug/l	100
68) m/p-Xylenes	11.84	106	614701	112.872	ug/l	100
69) o-Xylene	12.17	106	285842	55.132	ug/l	100
70) Styrene	12.18	104	467752	55.337	ug/l	100
71) Bromoform	12.35	173	79038	52.017	ug/l #	99
73) Isopropylbenzene	12.47	105	821320	55.415	ug/l	100
74) N-amyl acetate	12.27	43	115587	45.131	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110997	47.416	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	83332m	47.471	ug/l	
77) Bromobenzene	12.75	156	195270	50.886	ug/l	99
78) n-propylbenzene	12.81	91	963353	56.509	ug/l	100
79) 2-Chlorotoluene	12.90	91	527233	53.889	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	687795	55.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33570	49.550	ug/l	95
82) 4-Chlorotoluene	12.99	91	558680	53.975	ug/l	100
83) tert-Butylbenzene	13.21	119	624980	56.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	695792	54.479	ug/l	99
85) sec-Butylbenzene	13.39	105	891624	57.332	ug/l	100
86) p-Isopropyltoluene	13.51	119	817139	57.744	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	405434	53.648	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	399626	53.346	ug/l	100
89) n-Butylbenzene	13.83	91	740387	58.940	ug/l	100
90) Hexachloroethane	14.10	117	136742	58.794	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	352184	51.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16759	44.121	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	267173	52.856	ug/l	100
94) Hexachlorobutadiene	15.24	225	181557	57.630	ug/l	99
95) Naphthalene	15.38	128	393357	48.419	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	227091	51.118	ug/l	99

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

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