

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006847.D
 Acq On : 13 Nov 2018 11:49
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/14/2018 12:48:35 PM

Quant Time: Nov 13 16:20:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	365419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	478504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	465207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	271252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121686	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	7.89	113	132833	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
50) Toluene-d8	10.33	98	563911	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.62	95	216363	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	140318	46.513	ug/l	97
3) Chloromethane	2.21	50	163178	47.980	ug/l	100
4) Vinyl Chloride	2.36	62	173264	47.459	ug/l	100
5) Bromomethane	2.78	94	122942	50.055	ug/l	97
6) Chloroethane	2.92	64	108570	46.086	ug/l	98
7) Trichlorofluoromethane	3.26	101	231682	48.077	ug/l	99
8) Diethyl Ether	3.69	74	68725	48.600	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	148550	45.461	ug/l	98
10) Methyl Iodide	4.28	142	200514	43.783	ug/l	100
11) Tert butyl alcohol	5.22	59	45689	260.557	ug/l	99
12) 1,1-Dichloroethene	4.04	96	132832	48.125	ug/l	94
13) Acrolein	3.90	56	56832	309.888	ug/l	99
14) Allyl chloride	4.68	41	176272	48.555	ug/l	99
15) Acrylonitrile	5.38	53	133088	248.514	ug/l	99
16) Acetone	4.15	43	94234	245.632	ug/l	95
17) Carbon Disulfide	4.39	76	412424	47.248	ug/l	99
18) Methyl Acetate	4.68	43	61350	46.750	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	334735	51.081	ug/l	100
20) Methylene Chloride	4.92	84	163715	46.513	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	151842	46.646	ug/l	98
22) Diisopropyl ether	6.32	45	370011	49.076	ug/l	100
23) Vinyl Acetate	6.26	43	1059951	249.379	ug/l	97
24) 1,1-Dichloroethane	6.23	63	237969	47.591	ug/l	100
25) 2-Butanone	7.18	43	159671	246.103	ug/l	100
26) 2,2-Dichloropropane	7.18	77	232659	46.244	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	168769	48.631	ug/l	99
28) Bromochloromethane	7.52	49	81567	46.635	ug/l	97
29) Tetrahydrofuran	7.54	42	101273	243.912	ug/l	98
30) Chloroform	7.68	83	259562	47.542	ug/l	100
31) Cyclohexane	7.96	56	231833	45.294	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	250372	47.509	ug/l	99
36) 1,1-Dichloropropene	8.09	75	217768	48.632	ug/l	99
37) Ethyl Acetate	7.26	43	73050	49.889	ug/l	99
38) Carbon Tetrachloride	8.07	117	228118	46.872	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	285748	49.186	ug/l	99
40) Benzene	8.33	78	606152	48.681	ug/l	100
41) Methacrylonitrile	7.49	41	45353	50.445	ug/l	98
42) 1,2-Dichloroethane	8.40	62	161241	48.334	ug/l	99
43) Isopropyl Acetate	8.43	43	145231	50.999	ug/l	99
44) Trichloroethene	9.10	130	192395	48.970	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142246	49.016	ug/l	97
46) Dibromomethane	9.46	93	78375	48.518	ug/l	99
47) Bromodichloromethane	9.65	83	193432	48.276	ug/l	100
48) Methyl methacrylate	9.44	41	69614	49.861	ug/l	100
49) 1,4-Dioxane	9.48	88	25904	1061.393	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	362917	254.158	ug/l	99
52) Toluene	10.39	92	440520	49.904	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	198314	50.276	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	234195	50.070	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	119355	49.792	ug/l	97
56) Ethyl methacrylate	10.65	69	140936	53.648	ug/l	97
57) 1,3-Dichloropropane	10.94	76	188288	49.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	331637	252.055	ug/l	98
59) 2-Hexanone	10.97	43	269281	273.402	ug/l	99
60) Dibromochloromethane	11.13	129	147010	50.120	ug/l	99
61) 1,2-Dibromoethane	11.24	107	115009	50.518	ug/l	99
64) Tetrachloroethene	10.87	164	183698	49.275	ug/l	99
65) Chlorobenzene	11.66	112	513687	49.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	164320	49.067	ug/l	100
67) Ethyl Benzene	11.74	91	896031	50.927	ug/l	98
68) m/p-Xylenes	11.84	106	737573	102.458	ug/l	99
69) o-Xylene	12.17	106	349214	52.123	ug/l	99
70) Styrene	12.18	104	561760	52.386	ug/l	99
71) Bromoform	12.35	173	89909	49.194	ug/l #	100
73) Isopropylbenzene	12.47	105	947241	50.309	ug/l	99
74) N-amyl acetate	12.28	43	152488	53.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	126250	48.471	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79529m	40.684	ug/l	
77) Bromobenzene	12.75	156	236326	49.784	ug/l	98
78) n-propylbenzene	12.81	91	1116466	50.241	ug/l	100
79) 2-Chlorotoluene	12.90	91	622393	49.920	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	826469	51.060	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39114	49.494	ug/l	96
82) 4-Chlorotoluene	12.99	91	663307	49.864	ug/l	100
83) tert-Butylbenzene	13.21	119	731192	51.105	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	832984	50.569	ug/l	100
85) sec-Butylbenzene	13.39	105	1021167	50.367	ug/l	100
86) p-Isopropyltoluene	13.51	119	946956	51.349	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	481164	49.733	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	473875	49.507	ug/l	99
89) n-Butylbenzene	13.83	91	851509	50.524	ug/l	99
90) Hexachloroethane	14.10	117	142818	48.399	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	423272	50.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20805	49.892	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	326697	51.358	ug/l	100
94) Hexachlorobutadiene	15.24	225	202898	50.337	ug/l	99
95) Naphthalene	15.38	128	509735	53.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	275521	50.472	ug/l	99

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

