

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102218\
 Data File : VW006265.D
 Acq On : 22 Oct 2018 21:36
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.64G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 10/24/2018 5:33:13 PM

Quant Time: Oct 23 05:03:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107731	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.89	113	111310	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.33	98	393936	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.62	95	152426	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65726	53.645	ug/l	99
3) Chloromethane	2.21	50	73827	46.811	ug/l	97
4) Vinyl Chloride	2.37	62	114330	50.762	ug/l	99
5) Bromomethane	2.79	94	98706	48.184	ug/l	98
6) Chloroethane	2.93	64	85239	52.810	ug/l	99
7) Trichlorofluoromethane	3.26	101	102223	48.720	ug/l	99
8) Diethyl Ether	3.68	74	59630	53.476	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117059	53.237	ug/l	99
10) Methyl Iodide	4.27	142	201834	55.150	ug/l	100
11) Tert butyl alcohol	5.25	59	36865	267.044	ug/l	95
12) 1,1-Dichloroethene	4.04	96	109115	52.746	ug/l	93
13) Acrolein	3.90	56	31157	233.245	ug/l	95
14) Allyl chloride	4.67	41	153266	51.816	ug/l	100
15) Acrylonitrile	5.38	53	113714	284.319	ug/l	100
16) Acetone	4.15	43	106061	277.021	ug/l	100
17) Carbon Disulfide	4.38	76	303829	48.664	ug/l	99
18) Methyl Acetate	4.68	43	56883	55.067	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	174580	55.408	ug/l	100
20) Methylene Chloride	4.92	84	127014	58.766	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	123494	53.483	ug/l	99
22) Diisopropyl ether	6.32	45	321084	54.931	ug/l	99
23) Vinyl Acetate	6.26	43	934108	270.790	ug/l	98
24) 1,1-Dichloroethane	6.22	63	207608	55.044	ug/l	99
25) 2-Butanone	7.18	43	151572	273.341	ug/l	97
26) 2,2-Dichloropropane	7.17	77	131949	49.602	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	142212	55.811	ug/l	99
28) Bromochloromethane	7.51	49	83574	57.396	ug/l	94
29) Tetrahydrofuran	7.54	42	94811	278.162	ug/l	99
30) Chloroform	7.68	83	229823	55.928	ug/l	99
31) Cyclohexane	7.96	56	181291	48.267	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	198780	53.626	ug/l	99
36) 1,1-Dichloropropene	8.09	75	174315	53.531	ug/l	99
37) Ethyl Acetate	7.26	43	64658	53.442	ug/l	99
38) Carbon Tetrachloride	8.07	117	189209	53.003	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	216239	49.956	ug/l	98
40) Benzene	8.33	78	495234	55.442	ug/l	98
41) Methacrylonitrile	7.49	41	41090	56.338	ug/l	98
42) 1,2-Dichloroethane	8.40	62	149347	56.908	ug/l	99
43) Isopropyl Acetate	8.43	43	132719	53.651	ug/l	99
44) Trichloroethene	9.09	130	150101	54.772	ug/l	99
45) 1,2-Dichloropropane	9.37	63	113776	53.229	ug/l	97
46) Dibromomethane	9.46	93	65845	54.049	ug/l	99
47) Bromodichloromethane	9.65	83	155038	52.491	ug/l	100
48) Methyl methacrylate	9.44	41	63707	54.331	ug/l	97
49) 1,4-Dioxane	9.49	88	22121	1179.496	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	330553	266.697	ug/l	98
52) Toluene	10.39	92	316067	52.779	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	155178	52.732	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	178459	52.840	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	93717	54.972	ug/l	98
56) Ethyl methacrylate	10.65	69	113921	54.508	ug/l	96
57) 1,3-Dichloropropane	10.93	76	153121	54.257	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	200160	250.639	ug/l	99
59) 2-Hexanone	10.98	43	229662	259.578	ug/l	97
60) Dibromochloromethane	11.13	129	112280	52.875	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96950	56.915	ug/l	99
64) Tetrachloroethene	10.87	164	133937	55.336	ug/l	96
65) Chlorobenzene	11.66	112	368644	55.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	132452	55.841	ug/l	99
67) Ethyl Benzene	11.74	91	634313	54.838	ug/l	99
68) m/p-Xylenes	11.85	106	502058	109.814	ug/l	99
69) o-Xylene	12.17	106	240794	55.264	ug/l	99
70) Styrene	12.19	104	396045	55.897	ug/l	99
71) Bromoform	12.35	173	72952	55.141	ug/l #	99
73) Isopropylbenzene	12.47	105	680664	53.482	ug/l	100
74) N-amyl acetate	12.28	43	128679	52.056	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	111269	57.482	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	71050m	51.636	ug/l	
77) Bromobenzene	12.75	156	169438	54.355	ug/l	100
78) n-propylbenzene	12.81	91	783269	52.899	ug/l	99
79) 2-Chlorotoluene	12.90	91	445868	53.594	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	571520	53.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29607	51.434	ug/l	98
82) 4-Chlorotoluene	12.99	91	485828	55.747	ug/l	99
83) tert-Butylbenzene	13.21	119	508472	52.969	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	591020	54.437	ug/l	99
85) sec-Butylbenzene	13.39	105	726409	53.564	ug/l	100
86) p-Isopropyltoluene	13.51	119	658275	53.665	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	337178	54.349	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	332882	53.891	ug/l	100
89) n-Butylbenzene	13.83	91	599586	53.448	ug/l	100
90) Hexachloroethane	14.10	117	107879	51.922	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	303004	54.755	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18073	52.148	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	229785	53.966	ug/l	99
94) Hexachlorobutadiene	15.24	225	144816	54.140	ug/l	99
95) Naphthalene	15.38	128	396548	55.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205020	55.668	ug/l	99

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

