

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006073.D
 Acq On : 16 Oct 2018 12:52
 Operator : VA/AP
 Sample : VW1016SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Manual Integrations
 APPROVED

apatel
 10/17/2018 10:04:45 AM

Quant Time: Oct 16 14:58:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119462	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	7.88	113	124622	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.33	98	477570	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.62	95	178935	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24117	15.804	ug/l	96
3) Chloromethane	2.21	50	33160	16.881	ug/l	99
4) Vinyl Chloride	2.37	62	51065	18.203	ug/l	99
5) Bromomethane	2.78	94	48258	18.913	ug/l	98
6) Chloroethane	2.93	64	35754	17.785	ug/l	97
7) Trichlorofluoromethane	3.26	101	49274	18.855	ug/l	96
8) Diethyl Ether	3.68	74	24067	17.328	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	55159	20.140	ug/l	98
10) Methyl Iodide	4.26	142	89566	19.649	ug/l	99
11) Tert butyl alcohol	5.19	59	17350	100.904	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	50912	19.759	ug/l	95
13) Acrolein	3.90	56	17497	105.163	ug/l	94
14) Allyl chloride	4.67	41	72590	19.703	ug/l	99
15) Acrylonitrile	5.37	53	46851	94.048	ug/l	99
16) Acetone	4.13	43	57626	111.970	ug/l	100
17) Carbon Disulfide	4.37	76	152739	19.641	ug/l	99
18) Methyl Acetate	4.67	43	23135	17.981	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	76850	19.582	ug/l	100
20) Methylene Chloride	4.91	84	55153	19.391	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	57451	19.976	ug/l	100
22) Diisopropyl ether	6.31	45	147618	20.276	ug/l	99
23) Vinyl Acetate	6.26	43	415654	96.741	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95032	20.229	ug/l	98
25) 2-Butanone	7.18	43	70765	102.458	ug/l	99
26) 2,2-Dichloropropane	7.17	77	69694	21.034	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	63704	20.072	ug/l	100
28) Bromochloromethane	7.51	49	31100	17.148	ug/l	97
29) Tetrahydrofuran	7.54	42	39269	92.498	ug/l	100
30) Chloroform	7.68	83	101167	19.766	ug/l	100
31) Cyclohexane	7.96	56	92290	19.727	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	92184	19.966	ug/l	99
36) 1,1-Dichloropropene	8.09	75	82299	20.656	ug/l	100
37) Ethyl Acetate	7.25	43	27963	18.890	ug/l	100
38) Carbon Tetrachloride	8.07	117	89917	20.586	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109021	20.585	ug/l	99
40) Benzene	8.33	78	224181	20.512	ug/l	99
41) Methacrylonitrile	7.49	41	16771	18.793	ug/l	93
42) 1,2-Dichloroethane	8.40	62	64348	20.040	ug/l	100
43) Isopropyl Acetate	8.43	43	58756	19.412	ug/l	99
44) Trichloroethene	9.09	130	69351	20.683	ug/l	99
45) 1,2-Dichloropropane	9.37	63	52690	20.147	ug/l	98
46) Dibromomethane	9.46	93	29550	19.824	ug/l	99
47) Bromodichloromethane	9.65	83	72827	20.152	ug/l	100
48) Methyl methacrylate	9.44	41	27414	19.108	ug/l	97
49) 1,4-Dioxane	9.46	88	8330	363.006	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	144221	95.100	ug/l	100
52) Toluene	10.39	92	152803	20.854	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73373	20.378	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	84181	20.371	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	40876	19.596	ug/l	97
56) Ethyl methacrylate	10.65	69	49134	19.214	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69052	19.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99155	101.476	ug/l	99
59) 2-Hexanone	10.98	43	108563	100.285	ug/l	99
60) Dibromochloromethane	11.13	129	51431	19.795	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41567	19.944	ug/l	98
64) Tetrachloroethene	10.87	164	63619	20.978	ug/l	100
65) Chlorobenzene	11.66	112	174100	20.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	61279	20.620	ug/l	100
67) Ethyl Benzene	11.74	91	304157	20.987	ug/l	99
68) m/p-Xylenes	11.84	106	239889	41.878	ug/l	100
69) o-Xylene	12.17	106	112070	20.529	ug/l	99
70) Styrene	12.19	104	181963	20.497	ug/l	99
71) Bromoform	12.35	173	31610	19.069	ug/l #	99
73) Isopropylbenzene	12.47	105	322040	20.836	ug/l	100
74) N-amyl acetate	12.28	43	57062	19.008	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45853	19.506	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30086m	18.005	ug/l	
77) Bromobenzene	12.75	156	77013	20.343	ug/l	100
78) n-propylbenzene	12.81	91	378222	21.034	ug/l	100
79) 2-Chlorotoluene	12.90	91	209326	20.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	270819	20.785	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12851	18.383	ug/l	94
82) 4-Chlorotoluene	12.99	91	222728	21.045	ug/l	99
83) tert-Butylbenzene	13.21	119	242791	20.827	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	277928	21.079	ug/l	100
85) sec-Butylbenzene	13.39	105	347078	21.074	ug/l	100
86) p-Isopropyltoluene	13.51	119	313497	21.045	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	156439	20.764	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	155966	20.792	ug/l	99
89) n-Butylbenzene	13.83	91	289970	21.285	ug/l	100
90) Hexachloroethane	14.10	117	51723	20.499	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	137828	20.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7718	18.338	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	106031	20.505	ug/l	100
94) Hexachlorobutadiene	15.24	225	68365	21.046	ug/l	99
95) Naphthalene	15.38	128	161732	18.802	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	88991	19.897	ug/l	100

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

