

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006122.D
 Acq On : 17 Oct 2018 13:27
 Operator : VA/AP
 Sample : VW1017SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Manual Integrations
 APPROVED

apatel
 10/18/2018 11:04:25 AM

Quant Time: Oct 17 15:15:46 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	327073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	457245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127214	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	7.89	113	132162	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.33	98	505928	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	189271	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	26780	16.546	ug/l	97
3) Chloromethane	2.22	50	35229	16.909	ug/l	99
4) Vinyl Chloride	2.37	62	54858	18.438	ug/l	99
5) Bromomethane	2.79	94	48211	17.815	ug/l	93
6) Chloroethane	2.93	64	38732	18.165	ug/l	95
7) Trichlorofluoromethane	3.26	101	52276	18.860	ug/l	99
8) Diethyl Ether	3.68	74	28967	19.664	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	61211	21.073	ug/l	98
10) Methyl Iodide	4.27	142	98798	20.435	ug/l	99
11) Tert butyl alcohol	5.17	59	19766	108.385	ug/l	97
12) 1,1-Dichloroethene	4.03	96	56138	20.542	ug/l	94
13) Acrolein	3.89	56	18679	105.851	ug/l	100
14) Allyl chloride	4.67	41	76970	19.698	ug/l	98
15) Acrylonitrile	5.37	53	51693	97.838	ug/l	99
16) Acetone	4.12	43	69484	129.448	ug/l	99
17) Carbon Disulfide	4.38	76	156059	18.921	ug/l	99
18) Methyl Acetate	4.67	43	25044	18.353	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	81908	19.678	ug/l	96
20) Methylene Chloride	4.92	84	61750	20.564	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	61999	20.325	ug/l	97
22) Diisopropyl ether	6.32	45	156376	20.251	ug/l	100
23) Vinyl Acetate	6.26	43	435654	95.601	ug/l	100
24) 1,1-Dichloroethane	6.21	63	100732	20.217	ug/l	97
25) 2-Butanone	7.18	43	79280	108.226	ug/l	99
26) 2,2-Dichloropropane	7.17	77	74245	21.127	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	68554	20.366	ug/l	99
28) Bromochloromethane	7.52	49	33927	17.638	ug/l	97
29) Tetrahydrofuran	7.54	42	42609	94.629	ug/l	99
30) Chloroform	7.68	83	109596	20.189	ug/l	100
31) Cyclohexane	7.96	56	98705	19.893	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	100166	20.455	ug/l	99
36) 1,1-Dichloropropene	8.09	75	89307	21.190	ug/l	99
37) Ethyl Acetate	7.26	43	30607	19.546	ug/l	100
38) Carbon Tetrachloride	8.07	117	96612	20.911	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	120047	21.428	ug/l	98
40) Benzene	8.33	78	243069	21.025	ug/l	99
41) Methacrylonitrile	7.49	41	15575	16.500	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	70004	20.610	ug/l	100
43) Isopropyl Acetate	8.43	43	61261	19.134	ug/l	100
44) Trichloroethene	9.10	130	74999	21.145	ug/l	97
45) 1,2-Dichloropropane	9.37	63	57264	20.700	ug/l	99
46) Dibromomethane	9.46	93	32124	20.374	ug/l	99
47) Bromodichloromethane	9.65	83	77303	20.222	ug/l	99
48) Methyl methacrylate	9.44	41	29599	19.504	ug/l	97
49) 1,4-Dioxane	9.45	88	10147	418.035	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	155239	96.775	ug/l	99
52) Toluene	10.39	92	164532	21.228	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74504	19.562	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	88322	20.206	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45100	20.440	ug/l	98
56) Ethyl methacrylate	10.65	69	53215	19.673	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73468	20.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	102737	99.399	ug/l	99
59) 2-Hexanone	10.98	43	117689	102.777	ug/l	100
60) Dibromochloromethane	11.13	129	52873	19.238	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43901	19.913	ug/l	100
64) Tetrachloroethene	10.87	164	67861	21.287	ug/l	95
65) Chlorobenzene	11.66	112	186562	21.223	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	65322	20.910	ug/l	99
67) Ethyl Benzene	11.74	91	327316	21.485	ug/l	98
68) m/p-Xylenes	11.85	106	258051	42.855	ug/l	99
69) o-Xylene	12.17	106	122779	21.395	ug/l	100
70) Styrene	12.19	104	197917	21.209	ug/l	100
71) Bromoform	12.35	173	31678	18.180	ug/l #	98
73) Isopropylbenzene	12.47	105	349070	21.357	ug/l	100
74) N-amyl acetate	12.28	43	60891	19.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49339	19.847	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34144m	19.322	ug/l	
77) Bromobenzene	12.76	156	83768	20.924	ug/l	99
78) n-propylbenzene	12.81	91	410431	21.584	ug/l	100
79) 2-Chlorotoluene	12.90	91	227352	21.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	294080	21.343	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13115	17.741	ug/l	93
82) 4-Chlorotoluene	12.99	91	236234	21.107	ug/l	100
83) tert-Butylbenzene	13.21	119	264593	21.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	299997	21.516	ug/l	100
85) sec-Butylbenzene	13.39	105	380705	21.859	ug/l	100
86) p-Isopropyltoluene	13.51	119	342183	21.722	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	168648	21.167	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	167708	21.141	ug/l	100
89) n-Butylbenzene	13.83	91	314244	21.812	ug/l	99
90) Hexachloroethane	14.10	117	53044	19.879	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	149683	21.062	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8269	18.578	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	116190	21.248	ug/l	99
94) Hexachlorobutadiene	15.25	225	77256	22.490	ug/l	98
95) Naphthalene	15.38	128	183168	20.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	99453	21.027	ug/l	99

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

