

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007600.D
 Acq On : 16 Dec 2018 00:47
 Operator : SY/AP
 Sample : VW1218SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Manual Integrations
 APPROVED

apatel
 12/17/2018 4:40:23 PM

Quant Time: Dec 16 02:40:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	67644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	38442	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	35997	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	10.32	98	136199	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	52375	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11738	24.832	ug/l	93
3) Chloromethane	2.21	50	8605	21.736	ug/l	92
4) Vinyl Chloride	2.37	62	10422	22.433	ug/l	93
5) Bromomethane	2.78	94	7094	22.726	ug/l	97
6) Chloroethane	2.93	64	5479	21.424	ug/l	98
7) Trichlorofluoromethane	3.25	101	9143	21.890	ug/l	87
8) Diethyl Ether	3.68	74	7278	22.263	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15439	22.401	ug/l	99
10) Methyl Iodide	4.27	142	26252	22.999	ug/l	98
11) Tert butyl alcohol	5.17	59	5954	115.521	ug/l	97
12) 1,1-Dichloroethene	4.03	96	14738	22.210	ug/l	97
13) Acrolein	3.90	56	3435	100.721	ug/l	98
14) Allyl chloride	4.66	41	21054	21.525	ug/l	96
15) Acrylonitrile	5.37	53	15176	110.120	ug/l	99
16) Acetone	4.12	43	13244	101.036	ug/l	99
17) Carbon Disulfide	4.37	76	44972	22.352	ug/l	98
18) Methyl Acetate	4.67	43	8310	23.358	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	23028	23.004	ug/l	98
20) Methylene Chloride	4.91	84	17585	22.366	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	16417	22.116	ug/l	94
22) Diisopropyl ether	6.31	45	41993	22.336	ug/l	95
23) Vinyl Acetate	6.26	43	111443	105.976	ug/l	96
24) 1,1-Dichloroethane	6.21	63	27993	22.030	ug/l	98
25) 2-Butanone	7.17	43	17927	104.758	ug/l	98
26) 2,2-Dichloropropane	7.16	77	18683	22.216	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	18732	23.047	ug/l	99
28) Bromochloromethane	7.51	49	10223	21.389	ug/l	100
29) Tetrahydrofuran	7.53	42	11766	108.607	ug/l	97
30) Chloroform	7.68	83	31850	23.033	ug/l	99
31) Cyclohexane	7.95	56	24088	20.662	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	27343	22.549	ug/l	98
36) 1,1-Dichloropropene	8.08	75	23263	22.319	ug/l	100
37) Ethyl Acetate	7.25	43	8348	21.534	ug/l	98
38) Carbon Tetrachloride	8.07	117	26127	23.038	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28037	22.214	ug/l	94
40) Benzene	8.32	78	65491	22.641	ug/l	97
41) Methacrylonitrile	7.49	41	4652	21.073	ug/l	94
42) 1,2-Dichloroethane	8.40	62	20841	22.937	ug/l	100
43) Isopropyl Acetate	8.43	43	17066	22.286	ug/l	98
44) Trichloroethene	9.09	130	18827	22.793	ug/l	97
45) 1,2-Dichloropropane	9.37	63	15291	22.844	ug/l	99
46) Dibromomethane	9.46	93	8815	23.190	ug/l	100
47) Bromodichloromethane	9.65	83	23174	23.242	ug/l	94
48) Methyl methacrylate	9.44	41	8360	21.257	ug/l	94
49) 1,4-Dioxane	9.45	88	3055	495.316	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	40139	110.936	ug/l	99
52) Toluene	10.39	92	44419	23.729	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	22573	23.320	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	25349	22.653	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	12561	24.280	ug/l	94
56) Ethyl methacrylate	10.65	69	14327	23.040	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20560	24.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	30813	107.453	ug/l	97
59) 2-Hexanone	10.97	43	27261	112.993	ug/l	98
60) Dibromochloromethane	11.13	129	15703	24.051	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12257	23.974	ug/l	94
64) Tetrachloroethene	10.87	164	17042	22.637	ug/l	94
65) Chlorobenzene	11.66	112	49479	22.676	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	17532	22.813	ug/l	99
67) Ethyl Benzene	11.73	91	85575	22.811	ug/l	94
68) m/p-Xylenes	11.84	106	67872	46.538	ug/l	97
69) o-Xylene	12.17	106	31434	23.078	ug/l	97
70) Styrene	12.18	104	52959	24.072	ug/l	97
71) Bromoform	12.35	173	8722	22.173	ug/l #	98
73) Isopropylbenzene	12.47	105	87575	21.619	ug/l	99
74) N-amyl acetate	12.27	43	15294	20.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	13410	22.351	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	10759m	24.682	ug/l	
77) Bromobenzene	12.75	156	19848	22.104	ug/l	96
78) n-propylbenzene	12.81	91	102253	22.429	ug/l	99
79) 2-Chlorotoluene	12.90	91	60055	21.771	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	76694	22.532	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3893	19.728	ug/l	97
82) 4-Chlorotoluene	12.99	91	63449	21.821	ug/l	96
83) tert-Butylbenzene	13.21	119	66467	22.162	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78187	22.322	ug/l	99
85) sec-Butylbenzene	13.39	105	91425	22.330	ug/l	96
86) p-Isopropyltoluene	13.51	119	82679	22.479	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	40602	22.679	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	40214	22.343	ug/l	98
89) n-Butylbenzene	13.83	91	74262	21.779	ug/l	99
90) Hexachloroethane	14.10	117	14376	21.967	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	36438	22.724	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2555	21.220	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24651	22.339	ug/l	96
94) Hexachlorobutadiene	15.24	225	12809	21.877	ug/l	98
95) Naphthalene	15.38	128	46598	22.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	21246	22.164	ug/l	96

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

