

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007650.D
 Acq On : 18 Dec 2018 11:41
 Operator : SY/AP
 Sample : VW1220SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Manual Integrations
 APPROVED

apatel
 12/19/2018 12:15:04 PM

Quant Time: Dec 19 04:21:03 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	76621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	39814	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.88	113	38052	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	143934	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.62	95	54779	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12279	22.933	ug/l	95
3) Chloromethane	2.22	50	8853	19.742	ug/l	96
4) Vinyl Chloride	2.37	62	12025	22.851	ug/l	98
5) Bromomethane	2.78	94	7471	21.130	ug/l	98
6) Chloroethane	2.93	64	6275	21.662	ug/l	97
7) Trichlorofluoromethane	3.26	101	10886	23.009	ug/l	95
8) Diethyl Ether	3.68	74	7255	19.592	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	18327	23.476	ug/l	98
10) Methyl Iodide	4.26	142	27543	21.303	ug/l	96
11) Tert butyl alcohol	5.17	59	5098	87.324	ug/l	96
12) 1,1-Dichloroethene	4.03	96	16303	21.690	ug/l	95
13) Acrolein	3.89	56	3353	86.798	ug/l	91
14) Allyl chloride	4.66	41	22797	20.576	ug/l	96
15) Acrylonitrile	5.37	53	14838	95.053	ug/l	99
16) Acetone	4.12	43	17007	114.542	ug/l	96
17) Carbon Disulfide	4.37	76	50425	22.126	ug/l	100
18) Methyl Acetate	4.67	43	7723	19.164	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	22284	19.653	ug/l	100
20) Methylene Chloride	4.90	84	17800	19.535	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	17685	21.033	ug/l	93
22) Diisopropyl ether	6.31	45	41260	19.375	ug/l	94
23) Vinyl Acetate	6.26	43	114097	95.788	ug/l	97
24) 1,1-Dichloroethane	6.21	63	30334	21.076	ug/l	98
25) 2-Butanone	7.17	43	18404	94.945	ug/l	100
26) 2,2-Dichloropropane	7.17	77	23045	24.193	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	19182	20.835	ug/l	98
28) Bromochloromethane	7.51	49	9781	18.067	ug/l	97
29) Tetrahydrofuran	7.52	42	10347	84.319	ug/l	91
30) Chloroform	7.67	83	32926	21.022	ug/l	97
31) Cyclohexane	7.95	56	28041	21.235	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	31032	22.593	ug/l	98
36) 1,1-Dichloropropene	8.08	75	25841	22.993	ug/l	99
37) Ethyl Acetate	7.26	43	7899	18.897	ug/l	97
38) Carbon Tetrachloride	8.07	117	30165	24.668	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31986	23.504	ug/l	95
40) Benzene	8.32	78	69742	22.361	ug/l	96
41) Methacrylonitrile	7.49	41	4740	19.913	ug/l	93
42) 1,2-Dichloroethane	8.40	62	21635	22.083	ug/l	98
43) Isopropyl Acetate	8.43	43	15698	19.012	ug/l	98
44) Trichloroethene	9.09	130	20124	22.596	ug/l	97
45) 1,2-Dichloropropane	9.37	63	15748	21.819	ug/l	98
46) Dibromomethane	9.46	93	8872	21.646	ug/l	98
47) Bromodichloromethane	9.65	83	23869	22.202	ug/l	95
48) Methyl methacrylate	9.44	41	7827	18.458	ug/l	98
49) 1,4-Dioxane	9.45	88	2748	413.210	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	36461	93.458	ug/l	99
52) Toluene	10.39	92	46498	23.037	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	23052	22.086	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26178	21.696	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	12530	22.462	ug/l	92
56) Ethyl methacrylate	10.65	69	13906	20.740	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20722	22.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	29694	96.036	ug/l	98
59) 2-Hexanone	10.97	43	26336	101.238	ug/l	100
60) Dibromochloromethane	11.13	129	16175	22.977	ug/l	99
61) 1,2-Dibromoethane	11.23	107	11631	21.099	ug/l	99
64) Tetrachloroethene	10.87	164	16566	21.304	ug/l	94
65) Chlorobenzene	11.66	112	51980	23.063	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	18454	23.248	ug/l	99
67) Ethyl Benzene	11.73	91	91971	23.735	ug/l	93
68) m/p-Xylenes	11.84	106	70894	47.062	ug/l	99
69) o-Xylene	12.17	106	33112	23.536	ug/l	99
70) Styrene	12.18	104	54222	23.861	ug/l	97
71) Bromoform	12.35	173	8830	21.733	ug/l #	99
73) Isopropylbenzene	12.47	105	94407	22.114	ug/l	98
74) N-amyl acetate	12.27	43	14192	18.292	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	12913	20.423	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	8494m	18.490	ug/l	
77) Bromobenzene	12.75	156	20778	21.958	ug/l	98
78) n-propylbenzene	12.81	91	113014	23.523	ug/l	100
79) 2-Chlorotoluene	12.90	91	64120	22.057	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	82955	23.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4173	20.067	ug/l	98
82) 4-Chlorotoluene	12.99	91	69475	22.672	ug/l	98
83) tert-Butylbenzene	13.21	119	72370	22.897	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	83283	22.562	ug/l	100
85) sec-Butylbenzene	13.39	105	101446	23.512	ug/l	96
86) p-Isopropyltoluene	13.51	119	92462	23.854	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	42854	22.714	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	42190	22.243	ug/l	96
89) n-Butylbenzene	13.83	91	85161	23.699	ug/l	99
90) Hexachloroethane	14.10	117	15489	22.458	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	36836	21.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2560	20.175	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26075	22.422	ug/l	95
94) Hexachlorobutadiene	15.24	225	14053	22.775	ug/l	99
95) Naphthalene	15.38	128	44403	19.959	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	21877	21.656	ug/l	98

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

