

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007748.D
 Acq On : 20 Dec 2018 15:49
 Operator : SY/AP
 Sample : VW1222SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:02:36 AM

Quant Time: Dec 21 04:05:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38883	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	7.88	113	35716	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.32	98	138421	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	51994	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12993	19.658	ug/l	95
3) Chloromethane	2.21	50	8372	20.628	ug/l	95
4) Vinyl Chloride	2.36	62	10541	20.403	ug/l	90
5) Bromomethane	2.78	94	7277	20.222	ug/l	96
6) Chloroethane	2.92	64	5454	19.732	ug/l	93
7) Trichlorofluoromethane	3.25	101	10017	18.623	ug/l #	82
8) Diethyl Ether	3.67	74	6534	19.833	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	16203	20.454	ug/l	97
10) Methyl Iodide	4.26	142	25078	19.907	ug/l	99
11) Tert butyl alcohol	5.16	59	4528	82.370	ug/l	100
12) 1,1-Dichloroethene	4.03	96	14900	20.312	ug/l	96
13) Acrolein	3.89	56	3879	88.254	ug/l	99
14) Allyl chloride	4.66	41	19094	19.849	ug/l	98
15) Acrylonitrile	5.37	53	12366	87.992	ug/l	98
16) Acetone	4.12	43	13671	89.589	ug/l	92
17) Carbon Disulfide	4.37	76	45075	19.857	ug/l	97
18) Methyl Acetate	4.67	43	6200	17.084	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	19462	18.481	ug/l	93
20) Methylene Chloride	4.92	84	17523	19.060	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	16150	20.018	ug/l	96
22) Diisopropyl ether	6.31	45	34591	19.204	ug/l	97
23) Vinyl Acetate	6.25	43	97245	90.871	ug/l	99
24) 1,1-Dichloroethane	6.20	63	26994	20.372	ug/l	96
25) 2-Butanone	7.17	43	15134	84.672	ug/l	94
26) 2,2-Dichloropropane	7.17	77	20241	20.875	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	17078	19.869	ug/l	98
28) Bromochloromethane	7.51	49	8308	18.389	ug/l	99
29) Tetrahydrofuran	7.52	42	9077	85.139	ug/l	99
30) Chloroform	7.67	83	30075	20.056	ug/l	99
31) Cyclohexane	7.95	56	24358	20.080	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	27489	20.128	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23699	21.112	ug/l	99
37) Ethyl Acetate	7.25	43	7032	18.152	ug/l	98
38) Carbon Tetrachloride	8.06	117	26115	19.754	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29160	20.905	ug/l	97
40) Benzene	8.32	78	61352	20.481	ug/l	98
41) Methacrylonitrile	7.48	41	4228	19.223	ug/l	95
42) 1,2-Dichloroethane	8.40	62	19519	19.444	ug/l	98
43) Isopropyl Acetate	8.42	43	13125	16.910	ug/l	97
44) Trichloroethene	9.09	130	18617	20.551	ug/l	92
45) 1,2-Dichloropropane	9.37	63	13809	20.776	ug/l	100
46) Dibromomethane	9.46	93	7801	19.066	ug/l	97
47) Bromodichloromethane	9.65	83	20951	19.478	ug/l	100
48) Methyl methacrylate	9.43	41	6541	16.884	ug/l	98
49) 1,4-Dioxane	9.45	88	2504	386.007	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	30882	84.192	ug/l	100
52) Toluene	10.39	92	40717	20.260	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	20530	19.189	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	22605	19.128	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	10867	19.266	ug/l	98
56) Ethyl methacrylate	10.65	69	11554	17.337	ug/l	98
57) 1,3-Dichloropropane	10.93	76	17550	18.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	29156	95.821	ug/l	98
59) 2-Hexanone	10.97	43	22082	85.601	ug/l	97
60) Dibromochloromethane	11.13	129	13823	18.509	ug/l	96
61) 1,2-Dibromoethane	11.24	107	10344	18.109	ug/l	100
64) Tetrachloroethene	10.87	164	15529	21.663	ug/l	95
65) Chlorobenzene	11.66	112	45499	20.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	16327	20.854	ug/l	98
67) Ethyl Benzene	11.73	91	81408	21.651	ug/l	99
68) m/p-Xylenes	11.84	106	63788	43.734	ug/l	99
69) o-Xylene	12.17	106	29471	21.556	ug/l	98
70) Styrene	12.18	104	48048	21.379	ug/l	99
71) Bromoform	12.35	173	7630	18.773	ug/l #	99
73) Isopropylbenzene	12.47	105	83397	20.942	ug/l	100
74) N-amyl acetate	12.27	43	12261	17.775	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11172	18.711	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8195m	20.125	ug/l	
77) Bromobenzene	12.75	156	18629	20.412	ug/l	97
78) n-propylbenzene	12.80	91	99577	21.481	ug/l	99
79) 2-Chlorotoluene	12.90	91	57013	21.112	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	73243	21.322	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	3397	17.511	ug/l	95
82) 4-Chlorotoluene	12.99	91	60998	21.214	ug/l	98
83) tert-Butylbenzene	13.21	119	65439	21.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	74628	21.531	ug/l	100
85) sec-Butylbenzene	13.39	105	90246	21.726	ug/l	100
86) p-Isopropyltoluene	13.50	119	81137	21.481	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	38361	21.170	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	38218	21.085	ug/l	99
89) n-Butylbenzene	13.83	91	75661	21.847	ug/l	98
90) Hexachloroethane	14.10	117	14094	21.254	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	33120	20.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2090	17.045	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22840	20.281	ug/l	99
94) Hexachlorobutadiene	15.24	225	12936	21.494	ug/l	100
95) Naphthalene	15.37	128	39693	19.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	19494	20.222	ug/l	100

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

