

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007107.D
 Acq On : 28 Nov 2018 12:35
 Operator : VAY/AP
 Sample : VW1128SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

Manual Integrations
 APPROVED

apatel
 11/29/2018 12:18:56 PM

Quant Time: Nov 28 17:01:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	161442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	53481	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.88	113	48148	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.32	98	208719	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.62	95	82925	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26396	25.341	ug/l	98
3) Chloromethane	2.21	50	19795	22.804	ug/l	99
4) Vinyl Chloride	2.36	62	19788	23.169	ug/l	96
5) Bromomethane	2.78	94	10789	23.668	ug/l	98
6) Chloroethane	2.92	64	10933	23.222	ug/l	97
7) Trichlorofluoromethane	3.26	101	39229	23.358	ug/l	98
8) Diethyl Ether	3.69	74	12374	22.866	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26103	23.975	ug/l	98
10) Methyl Iodide	4.28	142	24976	20.039	ug/l	98
11) Tert butyl alcohol	5.22	59	8411	125.093	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	21701	22.726	ug/l	96
13) Acrolein	3.91	56	6679	96.726	ug/l	98
14) Allyl chloride	4.68	41	35244	22.252	ug/l	99
15) Acrylonitrile	5.38	53	22313	109.705	ug/l	100
16) Acetone	4.14	43	16440	109.630	ug/l	100
17) Carbon Disulfide	4.39	76	67536	21.876	ug/l	97
18) Methyl Acetate	4.68	43	11175	20.926	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	58357	23.405	ug/l	98
20) Methylene Chloride	4.92	84	27725	19.955	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	25107	22.571	ug/l	96
22) Diisopropyl ether	6.32	45	69058	22.401	ug/l	96
23) Vinyl Acetate	6.26	43	194458	118.784	ug/l	99
24) 1,1-Dichloroethane	6.22	63	41446	22.100	ug/l	99
25) 2-Butanone	7.18	43	28563	111.210	ug/l	96
26) 2,2-Dichloropropane	7.17	77	41595	24.664	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	26892	22.702	ug/l	99
28) Bromochloromethane	7.51	49	13475	19.225	ug/l	99
29) Tetrahydrofuran	7.54	42	17938	107.838	ug/l	99
30) Chloroform	7.68	83	43676	21.921	ug/l	100
31) Cyclohexane	7.96	56	46116	23.183	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	43642	24.319	ug/l	100
36) 1,1-Dichloropropene	8.09	75	38693	24.526	ug/l	100
37) Ethyl Acetate	7.26	43	13598	23.786	ug/l	99
38) Carbon Tetrachloride	8.07	117	38522	25.499	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	46237	23.420	ug/l	94
40) Benzene	8.33	78	99738	23.421	ug/l	100
41) Methacrylonitrile	7.49	41	8616	24.268	ug/l	94
42) 1,2-Dichloroethane	8.40	62	28569	23.107	ug/l	100
43) Isopropyl Acetate	8.43	43	25401	23.316	ug/l	98
44) Trichloroethene	9.10	130	28748	24.081	ug/l	92
45) 1,2-Dichloropropane	9.37	63	24805	23.629	ug/l	100
46) Dibromomethane	9.46	93	11981	22.790	ug/l	97
47) Bromodichloromethane	9.65	83	33357	24.083	ug/l	99
48) Methyl methacrylate	9.44	41	11754	22.376	ug/l	98
49) 1,4-Dioxane	9.48	88	3358	429.764	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	61034	110.858	ug/l	100
52) Toluene	10.39	92	68117	23.504	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	32023	23.867	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	38652	23.844	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17589	22.741	ug/l	99
56) Ethyl methacrylate	10.65	69	21029	23.423	ug/l	95
57) 1,3-Dichloropropane	10.93	76	30047	23.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	52140	111.137	ug/l	100
59) 2-Hexanone	10.97	43	43064	114.223	ug/l	99
60) Dibromochloromethane	11.13	129	21234	24.093	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16603	23.466	ug/l	98
64) Tetrachloroethene	10.87	164	23164	23.772	ug/l	96
65) Chlorobenzene	11.66	112	74421	23.541	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22822	23.864	ug/l	98
67) Ethyl Benzene	11.73	91	135986	23.415	ug/l	98
68) m/p-Xylenes	11.84	106	107607	47.227	ug/l	100
69) o-Xylene	12.17	106	49874	23.214	ug/l	99
70) Styrene	12.18	104	79663	23.297	ug/l	100
71) Bromoform	12.35	173	11141	24.730	ug/l #	97
73) Isopropylbenzene	12.47	105	139454	23.477	ug/l	100
74) N-amyl acetate	12.27	43	23916	24.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17905	22.650	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14251m	23.729	ug/l	
77) Bromobenzene	12.75	156	29813	23.368	ug/l	95
78) n-propylbenzene	12.81	91	165614	23.017	ug/l	100
79) 2-Chlorotoluene	12.90	91	96350	23.224	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	118318	23.034	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	5349	22.360	ug/l	95
82) 4-Chlorotoluene	12.99	91	99351	22.820	ug/l	99
83) tert-Butylbenzene	13.21	119	103286	23.225	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	118697	23.193	ug/l	99
85) sec-Butylbenzene	13.39	105	147536	23.483	ug/l	99
86) p-Isopropyltoluene	13.51	119	128894	23.255	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	61194	23.495	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	61051	23.509	ug/l	100
89) n-Butylbenzene	13.83	91	121619	23.316	ug/l	99
90) Hexachloroethane	14.10	117	18996	23.475	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	52917	23.186	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2885	21.609	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	34821	23.138	ug/l	99
94) Hexachlorobutadiene	15.24	225	19658	24.028	ug/l	98
95) Naphthalene	15.38	128	61489	22.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	28328	22.689	ug/l	98

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

