

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007885.D
 Acq On : 24 Dec 2018 13:42
 Operator : SY/AP
 Sample : VW1225SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:38:50 PM

Quant Time: Dec 26 02:46:42 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	78820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	43952	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.88	113	38608	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.32	98	154114	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	12.62	95	58931	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15996	22.828	ug/l	94
3) Chloromethane	2.21	50	12274	28.526	ug/l	93
4) Vinyl Chloride	2.37	62	16022	29.252	ug/l	99
5) Bromomethane	2.78	94	9218	24.163	ug/l	96
6) Chloroethane	2.93	64	7787	26.575	ug/l	99
7) Trichlorofluoromethane	3.26	101	11844	20.771	ug/l	98
8) Diethyl Ether	3.67	74	8459	24.219	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17315	20.618	ug/l	96
10) Methyl Iodide	4.26	142	27634	20.691	ug/l	97
11) Tert butyl alcohol	5.18	59	7375	126.551	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	17627	22.667	ug/l	95
13) Acrolein	3.89	56	4793	102.863	ug/l	99
14) Allyl chloride	4.67	41	25407	24.914	ug/l	93
15) Acrylonitrile	5.37	53	17846	119.783	ug/l	99
16) Acetone	4.12	43	20044	123.901	ug/l	92
17) Carbon Disulfide	4.37	76	49457	20.551	ug/l	99
18) Methyl Acetate	4.67	43	9371	24.357	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	28013	25.092	ug/l	99
20) Methylene Chloride	4.91	84	23934	26.637	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	18218	21.301	ug/l	90
22) Diisopropyl ether	6.31	45	47909	25.090	ug/l	98
23) Vinyl Acetate	6.26	43	138188	121.805	ug/l	98
24) 1,1-Dichloroethane	6.21	63	32087	22.842	ug/l	99
25) 2-Butanone	7.17	43	23029	121.535	ug/l	98
26) 2,2-Dichloropropane	7.16	77	23702	23.058	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	20149	22.113	ug/l	97
28) Bromochloromethane	7.51	49	10429	21.774	ug/l	91
29) Tetrahydrofuran	7.53	42	14354	126.999	ug/l	94
30) Chloroform	7.68	83	33200	20.884	ug/l	99
31) Cyclohexane	7.96	56	31402	24.418	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	30263	20.902	ug/l	99
36) 1,1-Dichloropropene	8.08	75	27201	22.336	ug/l	98
37) Ethyl Acetate	7.25	43	10451	24.866	ug/l	99
38) Carbon Tetrachloride	8.07	117	28420	19.815	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35360	23.366	ug/l	97
40) Benzene	8.32	78	72510	22.312	ug/l	96
41) Methacrylonitrile	7.48	41	5929	24.847	ug/l	96
42) 1,2-Dichloroethane	8.40	62	22836	20.968	ug/l	99
43) Isopropyl Acetate	8.43	43	20659	24.535	ug/l	96
44) Trichloroethene	9.09	130	20991	21.359	ug/l	100
45) 1,2-Dichloropropane	9.37	63	16821	23.327	ug/l	100
46) Dibromomethane	9.46	93	9383	21.138	ug/l	98
47) Bromodichloromethane	9.65	83	23882	20.466	ug/l	99
48) Methyl methacrylate	9.44	41	10758m	25.596	ug/l	
49) 1,4-Dioxane	9.45	88	3209	455.980	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	49323	123.945	ug/l	97
52) Toluene	10.39	92	48205	22.109	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	25227	21.734	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	28535	22.257	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13468	22.009	ug/l	97
56) Ethyl methacrylate	10.65	69	17089	23.636	ug/l	94
57) 1,3-Dichloropropane	10.93	76	23409	23.037	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	41428	125.500	ug/l	98
59) 2-Hexanone	10.97	43	35845	128.081	ug/l	97
60) Dibromochloromethane	11.13	129	15621	19.279	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12912	20.836	ug/l	96
64) Tetrachloroethene	10.87	164	17047	21.535	ug/l	98
65) Chlorobenzene	11.66	112	52811	21.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	18121	20.960	ug/l	97
67) Ethyl Benzene	11.73	91	95097	22.904	ug/l	96
68) m/p-Xylenes	11.84	106	73735	45.781	ug/l	99
69) o-Xylene	12.17	106	34401	22.786	ug/l	100
70) Styrene	12.18	104	56072	22.594	ug/l	99
71) Bromoform	12.35	173	8138	18.133	ug/l #	96
73) Isopropylbenzene	12.47	105	98786	22.766	ug/l	99
74) N-amyl acetate	12.27	43	19004	25.284	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	14542	22.352	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	9078m	20.460	ug/l	
77) Bromobenzene	12.75	156	20941	21.058	ug/l	93
78) n-propylbenzene	12.81	91	114618	22.692	ug/l	100
79) 2-Chlorotoluene	12.90	91	67206	22.840	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	85142	22.748	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	4456	21.081	ug/l	95
82) 4-Chlorotoluene	12.99	91	69754	22.264	ug/l	100
83) tert-Butylbenzene	13.21	119	74504	22.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86157	22.812	ug/l	99
85) sec-Butylbenzene	13.39	105	103388	22.843	ug/l	99
86) p-Isopropyltoluene	13.51	119	93062	22.612	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	43116	21.837	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	42734	21.637	ug/l	99
89) n-Butylbenzene	13.83	91	87560	23.204	ug/l	98
90) Hexachloroethane	14.10	117	14277	19.760	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	38490	21.773	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2827	21.159	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	26888	21.912	ug/l	100
94) Hexachlorobutadiene	15.24	225	14362	21.900	ug/l	98
95) Naphthalene	15.38	128	52111	22.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23155	22.044	ug/l	99

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

