

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006521.D
 Acq On : 31 Oct 2018 13:09
 Operator : SY/AP
 Sample : VW1101SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 1:37:13 PM

Quant Time: Oct 31 13:45:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	78681	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
35) Dibromofluoromethane	7.88	113	88014	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.33	98	322531	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	12.62	95	120927	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16964	15.501	ug/l	95
3) Chloromethane	2.21	50	26297	18.668	ug/l	98
4) Vinyl Chloride	2.37	62	39820	19.794	ug/l	97
5) Bromomethane	2.79	94	35915	19.628	ug/l	93
6) Chloroethane	2.93	64	29719	20.614	ug/l	96
7) Trichlorofluoromethane	3.26	101	39085	20.856	ug/l	98
8) Diethyl Ether	3.68	74	19500	19.578	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42488	21.633	ug/l	98
10) Methyl Iodide	4.26	142	68868	21.068	ug/l	99
11) Tert butyl alcohol	5.21	59	10139	82.227	ug/l	100
12) 1,1-Dichloroethene	4.03	96	39235	21.234	ug/l	95
13) Acrolein	3.90	56	10414	87.282	ug/l	97
14) Allyl chloride	4.67	41	50938	19.280	ug/l	98
15) Acrylonitrile	5.37	53	34453	96.442	ug/l	99
16) Acetone	4.14	43	42387	115.252	ug/l	98
17) Carbon Disulfide	4.37	76	100248	17.977	ug/l	97
18) Methyl Acetate	4.68	43	17703	19.187	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	54749	19.454	ug/l	100
20) Methylene Chloride	4.91	84	45245	22.425	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44080	21.373	ug/l	94
22) Diisopropyl ether	6.32	45	106224	20.346	ug/l	98
23) Vinyl Acetate	6.26	43	278609	90.423	ug/l	97
24) 1,1-Dichloroethane	6.22	63	72378	21.484	ug/l	99
25) 2-Butanone	7.18	43	49498	99.936	ug/l	97
26) 2,2-Dichloropropane	7.17	77	51434	21.647	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50398	22.143	ug/l	98
28) Bromochloromethane	7.51	49	23943	18.409	ug/l	91
29) Tetrahydrofuran	7.54	42	26667	87.591	ug/l	98
30) Chloroform	7.68	83	81819	22.291	ug/l	98
31) Cyclohexane	7.96	56	66046	19.686	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	72788	21.984	ug/l	99
36) 1,1-Dichloropropene	8.09	75	62794	22.283	ug/l	99
37) Ethyl Acetate	7.26	43	19686	18.802	ug/l	98
38) Carbon Tetrachloride	8.07	117	68436	22.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80764	21.561	ug/l	98
40) Benzene	8.32	78	176217	22.796	ug/l	100
41) Methacrylonitrile	7.49	41	11150	17.665	ug/l	91
42) 1,2-Dichloroethane	8.40	62	48268	21.253	ug/l	98
43) Isopropyl Acetate	8.43	43	38522	17.995	ug/l	96
44) Trichloroethene	9.09	130	54328	22.908	ug/l	100
45) 1,2-Dichloropropane	9.37	63	41307	22.331	ug/l	98
46) Dibromomethane	9.46	93	22719	21.550	ug/l	95
47) Bromodichloromethane	9.65	83	55646	21.771	ug/l	99
48) Methyl methacrylate	9.44	41	18411	18.144	ug/l	92
49) 1,4-Dioxane	9.47	88	6116	376.831	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	98252	91.602	ug/l	99
52) Toluene	10.39	92	117973	22.764	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51971	20.408	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62035	21.225	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32766	22.209	ug/l	98
56) Ethyl methacrylate	10.65	69	34666	19.167	ug/l	91
57) 1,3-Dichloropropane	10.93	76	52956	21.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	65528	94.817	ug/l	97
59) 2-Hexanone	10.98	43	74643	97.489	ug/l	98
60) Dibromochloromethane	11.13	129	38090	20.727	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31609	21.443	ug/l	100
64) Tetrachloroethene	10.87	164	49201	22.607	ug/l	97
65) Chlorobenzene	11.66	112	138204	23.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	48005	22.508	ug/l	99
67) Ethyl Benzene	11.74	91	235982	22.689	ug/l	100
68) m/p-Xylenes	11.84	106	186384	45.338	ug/l	99
69) o-Xylene	12.17	106	87379	22.303	ug/l	96
70) Styrene	12.19	104	141042	22.138	ug/l	99
71) Bromoform	12.35	173	23325	19.607	ug/l #	99
73) Isopropylbenzene	12.47	105	249198	22.340	ug/l	100
74) N-amyl acetate	12.28	43	37103	17.125	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	35849	21.130	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26899m	22.304	ug/l	
77) Bromobenzene	12.75	156	61574	22.536	ug/l	97
78) n-propylbenzene	12.81	91	293569	22.621	ug/l	100
79) 2-Chlorotoluene	12.90	91	162022	22.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	210211	22.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9059	17.955	ug/l	98
82) 4-Chlorotoluene	12.99	91	173072	22.658	ug/l	99
83) tert-Butylbenzene	13.21	119	187583	22.295	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	214157	22.505	ug/l	99
85) sec-Butylbenzene	13.39	105	271465	22.839	ug/l	100
86) p-Isopropyltoluene	13.51	119	243171	22.618	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125165	23.019	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	122797	22.681	ug/l	99
89) n-Butylbenzene	13.83	91	223290	22.710	ug/l	99
90) Hexachloroethane	14.10	117	38587	21.189	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	109692	22.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5562	18.310	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	83018	22.245	ug/l	99
94) Hexachlorobutadiene	15.24	225	55245	23.565	ug/l	100
95) Naphthalene	15.38	128	117253	18.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	70160	21.735	ug/l	99

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

