

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006762.D
 Acq On : 08 Nov 2018 13:40
 Operator : SY/AP
 Sample : VW1108SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 1:37:39 PM

Quant Time: Nov 09 11:29:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	119726	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	7.88	113	132256	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.32	98	503382	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	176791	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34681	22.235	ug/l	98
3) Chloromethane	2.21	50	38582	19.993	ug/l	98
4) Vinyl Chloride	2.37	62	60161	22.327	ug/l	99
5) Bromomethane	2.79	94	47637	21.065	ug/l	99
6) Chloroethane	2.93	64	39093	20.764	ug/l	100
7) Trichlorofluoromethane	3.26	101	54964	23.099	ug/l	97
8) Diethyl Ether	3.67	74	25116	19.309	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57244	22.529	ug/l	99
10) Methyl Iodide	4.26	142	88767	19.267	ug/l	99
11) Tert butyl alcohol	5.23	59	12814	91.958	ug/l #	96
12) 1,1-Dichloroethene	4.03	96	52950	21.576	ug/l	98
13) Acrolein	3.90	56	13772	78.580	ug/l	97
14) Allyl chloride	4.67	41	66082	20.628	ug/l	100
15) Acrylonitrile	5.38	53	45537	97.637	ug/l	99
16) Acetone	4.15	43	53483	128.087	ug/l	99
17) Carbon Disulfide	4.37	76	151126	21.640	ug/l	99
18) Methyl Acetate	4.68	43	21828	18.180	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70642	19.338	ug/l	99
20) Methylene Chloride	4.91	84	59230	18.074	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59180	21.311	ug/l	95
22) Diisopropyl ether	6.31	45	134751	20.177	ug/l	97
23) Vinyl Acetate	6.26	43	367605	99.259	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94759	20.936	ug/l	99
25) 2-Butanone	7.18	43	65435	109.821	ug/l	99
26) 2,2-Dichloropropane	7.16	77	65581	24.053	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	62774	20.205	ug/l	98
28) Bromochloromethane	7.51	49	37109	20.647	ug/l	97
29) Tetrahydrofuran	7.54	42	34616	92.367	ug/l	99
30) Chloroform	7.68	83	101584	20.471	ug/l	99
31) Cyclohexane	7.96	56	86155	20.914	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	91291	21.741	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81745	22.415	ug/l	99
37) Ethyl Acetate	7.26	43	25189	19.931	ug/l	99
38) Carbon Tetrachloride	8.07	117	88257	23.160	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105201	22.731	ug/l	97
40) Benzene	8.32	78	227436	21.956	ug/l	98
41) Methacrylonitrile	7.49	41	15437	19.920	ug/l	99
42) 1,2-Dichloroethane	8.40	62	62832	21.150	ug/l	99
43) Isopropyl Acetate	8.43	43	50524	20.034	ug/l	100
44) Trichloroethene	9.09	130	69639	21.786	ug/l	95
45) 1,2-Dichloropropane	9.37	63	52160	21.637	ug/l	96
46) Dibromomethane	9.46	93	29826	21.048	ug/l	99
47) Bromodichloromethane	9.65	83	70080	21.299	ug/l	100
48) Methyl methacrylate	9.44	41	23658	19.471	ug/l	98
49) 1,4-Dioxane	9.49	88	8187	394.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	131274	101.353	ug/l	99
52) Toluene	10.39	92	150709	21.692	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66837	21.107	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79325	21.198	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42287	21.032	ug/l	94
56) Ethyl methacrylate	10.65	69	44417	19.436	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68539	20.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	115715	104.164	ug/l	99
59) 2-Hexanone	10.98	43	97295	110.600	ug/l	100
60) Dibromochloromethane	11.13	129	50233	21.087	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41388	20.729	ug/l	99
64) Tetrachloroethene	10.87	164	64011	20.977	ug/l	96
65) Chlorobenzene	11.66	112	174105	21.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	60526	21.378	ug/l	99
67) Ethyl Benzene	11.74	91	295535	21.950	ug/l	98
68) m/p-Xylenes	11.84	106	236150	43.901	ug/l	99
69) o-Xylene	12.17	106	109641	21.410	ug/l	99
70) Styrene	12.18	104	176218	21.106	ug/l	99
71) Bromoform	12.35	173	31102	20.724	ug/l #	98
73) Isopropylbenzene	12.47	105	306306	21.339	ug/l	100
74) N-amyl acetate	12.28	43	47772	19.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47530	20.965	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31289m	18.404	ug/l	
77) Bromobenzene	12.75	156	78280	21.063	ug/l	99
78) n-propylbenzene	12.81	91	363163	21.996	ug/l	99
79) 2-Chlorotoluene	12.90	91	201834	21.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	259851	21.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11935	19.874	ug/l	93
82) 4-Chlorotoluene	12.99	91	214161	21.364	ug/l	100
83) tert-Butylbenzene	13.21	119	230296	21.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	263536	21.306	ug/l	100
85) sec-Butylbenzene	13.39	105	331923	22.037	ug/l	100
86) p-Isopropyltoluene	13.51	119	299687	21.867	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	157087	21.462	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	156591	21.584	ug/l	100
89) n-Butylbenzene	13.83	91	270841	22.263	ug/l	100
90) Hexachloroethane	14.10	117	49289	21.882	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	139542	21.195	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7190	19.545	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	101364	20.706	ug/l	99
94) Hexachlorobutadiene	15.24	225	67380	22.084	ug/l	100
95) Naphthalene	15.38	128	152123	19.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	88236	20.508	ug/l	99

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

