

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006656.D
 Acq On : 06 Nov 2018 01:35
 Operator : SY/AP
 Sample : VW1105SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBSD02

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:16:13 AM

Quant Time: Nov 06 03:39:04 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	214008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105257	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
35) Dibromofluoromethane	7.88	113	110057	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.33	98	410165	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.62	95	150222	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24628	22.199	ug/l	92
3) Chloromethane	2.21	50	30419	22.161	ug/l	97
4) Vinyl Chloride	2.37	62	40912	21.346	ug/l	98
5) Bromomethane	2.79	94	38000	23.624	ug/l	95
6) Chloroethane	2.93	64	30709	22.931	ug/l	96
7) Trichlorofluoromethane	3.26	101	34994	20.676	ug/l	97
8) Diethyl Ether	3.68	74	21955	23.730	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	38966	21.560	ug/l	97
10) Methyl Iodide	4.26	142	69261	21.135	ug/l	100
11) Tert butyl alcohol	5.23	59	11220	113.200	ug/l	98
12) 1,1-Dichloroethene	4.03	96	35865	20.546	ug/l	97
13) Acrolein	3.90	56	11247	90.221	ug/l	97
14) Allyl chloride	4.66	41	48257	21.178	ug/l	99
15) Acrylonitrile	5.38	53	39011	117.595	ug/l	98
16) Acetone	4.15	43	36338	122.349	ug/l	96
17) Carbon Disulfide	4.38	76	104112	20.959	ug/l	99
18) Methyl Acetate	4.68	43	20000	23.418	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	58260	22.422	ug/l	97
20) Methylene Chloride	4.92	84	48366	21.754	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	43123	21.832	ug/l	98
22) Diisopropyl ether	6.31	45	109761	23.106	ug/l	97
23) Vinyl Acetate	6.26	43	304555	115.613	ug/l	99
24) 1,1-Dichloroethane	6.21	63	72643	22.564	ug/l	100
25) 2-Butanone	7.18	43	50174	118.388	ug/l	96
26) 2,2-Dichloropropane	7.17	77	40832	21.054	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	49101	22.219	ug/l	99
28) Bromochloromethane	7.51	49	29803	23.313	ug/l	97
29) Tetrahydrofuran	7.54	42	31182	116.976	ug/l	99
30) Chloroform	7.68	83	80629	22.843	ug/l	99
31) Cyclohexane	7.96	56	58164	19.850	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	64911	21.733	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57509	20.664	ug/l	100
37) Ethyl Acetate	7.26	43	23670	24.543	ug/l	99
38) Carbon Tetrachloride	8.07	117	59969	20.622	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69276	19.616	ug/l	97
40) Benzene	8.32	78	174100	22.025	ug/l	99
41) Methacrylonitrile	7.49	41	12306	20.809	ug/l	93
42) 1,2-Dichloroethane	8.40	62	51731	22.820	ug/l	98
43) Isopropyl Acetate	8.43	43	43729	22.722	ug/l	99
44) Trichloroethene	9.09	130	51556	21.136	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41885	22.769	ug/l	98
46) Dibromomethane	9.46	93	24940	23.063	ug/l	100
47) Bromodichloromethane	9.65	83	57646	22.959	ug/l	97
48) Methyl methacrylate	9.44	41	20566	22.180	ug/l	95
49) 1,4-Dioxane	9.48	88	7516	474.924	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	114171	115.512	ug/l	99
52) Toluene	10.39	92	115359	21.758	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54358	22.495	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62536	21.900	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35720	23.281	ug/l	98
56) Ethyl methacrylate	10.65	69	38736	22.212	ug/l	94
57) 1,3-Dichloropropane	10.93	76	56814	22.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94811	111.842	ug/l	100
59) 2-Hexanone	10.98	43	79829	118.916	ug/l	97
60) Dibromochloromethane	11.13	129	41910	23.054	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35427	23.251	ug/l	100
64) Tetrachloroethene	10.87	164	49921	20.270	ug/l	99
65) Chlorobenzene	11.66	112	137930	21.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	48899	21.399	ug/l	98
67) Ethyl Benzene	11.73	91	221308	20.366	ug/l	98
68) m/p-Xylenes	11.84	106	179643	41.378	ug/l	100
69) o-Xylene	12.17	106	85246	20.625	ug/l	99
70) Styrene	12.18	104	143205	21.252	ug/l	100
71) Bromoform	12.35	173	27208	22.462	ug/l #	100
73) Isopropylbenzene	12.47	105	228886	19.412	ug/l	100
74) N-amyl acetate	12.28	43	42194	20.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41273	22.163	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30821m	22.070	ug/l	
77) Bromobenzene	12.75	156	63833	20.910	ug/l	99
78) n-propylbenzene	12.81	91	270408	19.939	ug/l	100
79) 2-Chlorotoluene	12.90	91	158250	20.332	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	201918	20.384	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10397	20.915	ug/l	99
82) 4-Chlorotoluene	12.99	91	169403	20.573	ug/l	100
83) tert-Butylbenzene	13.21	119	174550	19.760	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	207019	20.375	ug/l	100
85) sec-Butylbenzene	13.39	105	245414	19.836	ug/l	100
86) p-Isopropyltoluene	13.51	119	222599	19.773	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125480	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126912	21.296	ug/l	99
89) n-Butylbenzene	13.83	91	197525	19.766	ug/l	99
90) Hexachloroethane	14.10	117	38336	20.720	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	114762	21.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6504	21.524	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	83409	20.742	ug/l	99
94) Hexachlorobutadiene	15.24	225	50360	20.094	ug/l	100
95) Naphthalene	15.38	128	134313	20.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74656	21.124	ug/l	100

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

