

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005007.D
 Acq On : 29 Aug 2018 16:54
 Operator : SY/AP
 Sample : VW0829SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:44:01 PM

Quant Time: Aug 30 01:59:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	480333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	630730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	680840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	389779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150837	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.89	113	151601	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.33	98	893837	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.62	95	333293	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	94559	22.787	ug/l	99
3) Chloromethane	2.22	50	127305	21.602	ug/l	99
4) Vinyl Chloride	2.36	62	125267	21.294	ug/l	100
5) Bromomethane	2.77	94	77743	20.218	ug/l	99
6) Chloroethane	2.92	64	70733	20.334	ug/l	95
7) Trichlorofluoromethane	3.26	101	115970	19.066	ug/l	97
8) Diethyl Ether	3.69	74	34971	20.221	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	73340	19.535	ug/l	97
10) Methyl Iodide	4.28	142	95397	18.304	ug/l	100
11) Tert butyl alcohol	5.20	59	25191m	105.813	ug/l	
12) 1,1-Dichloroethene	4.04	96	67145	19.144	ug/l	99
13) Acrolein	3.91	56	26023	92.882	ug/l	97
14) Allyl chloride	4.68	41	101524	18.798	ug/l	99
15) Acrylonitrile	5.39	53	89933	101.969	ug/l	99
16) Acetone	4.15	43	72865	98.339	ug/l	99
17) Carbon Disulfide	4.39	76	288894	19.595	ug/l	99
18) Methyl Acetate	4.68	43	35913	20.010	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	149619	19.850	ug/l	99
20) Methylene Chloride	4.92	84	140594	24.449	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	73099	19.194	ug/l	99
22) Diisopropyl ether	6.32	45	211384	19.173	ug/l	99
23) Vinyl Acetate	6.27	43	564030	100.060	ug/l	100
24) 1,1-Dichloroethane	6.23	63	124591	18.677	ug/l	99
25) 2-Butanone	7.19	43	121197	104.890	ug/l	96
26) 2,2-Dichloropropane	7.18	77	113232	19.339	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	78236	18.884	ug/l	97
28) Bromochloromethane	7.52	49	52782	17.994	ug/l	98
29) Tetrahydrofuran	7.54	42	62436	106.966	ug/l	97
30) Chloroform	7.68	83	125410	19.113	ug/l	98
31) Cyclohexane	7.96	56	139452	19.724	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	115146	19.072	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110498	20.676	ug/l	99
37) Ethyl Acetate	7.26	43	42920	22.281	ug/l	99
38) Carbon Tetrachloride	8.07	117	104410	20.188	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	148151	20.110	ug/l	98
40) Benzene	8.33	78	347177	20.295	ug/l	99
41) Methacrylonitrile	7.49	41	24062	21.435	ug/l	97
42) 1,2-Dichloroethane	8.41	62	76593	20.122	ug/l	99
43) Isopropyl Acetate	8.43	43	79481	20.736	ug/l	99
44) Trichloroethene	9.10	130	88532	20.262	ug/l	96
45) 1,2-Dichloropropane	9.37	63	78639	20.092	ug/l	95
46) Dibromomethane	9.46	93	37938	20.480	ug/l	98
47) Bromodichloromethane	9.65	83	91402	19.969	ug/l	98
48) Methyl methacrylate	9.45	41	40691	19.709	ug/l	89
49) 1,4-Dioxane	9.48	88	17364	451.697	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	311148	108.386	ug/l	98
52) Toluene	10.40	92	273808	21.574	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	98782	20.207	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	115366	20.238	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	60841	20.066	ug/l	96
56) Ethyl methacrylate	10.65	69	85503	21.499	ug/l	98
57) 1,3-Dichloropropane	10.94	76	101869	20.417	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	170000	99.217	ug/l	99
59) 2-Hexanone	10.98	43	234226	112.689	ug/l	99
60) Dibromochloromethane	11.13	129	67328	20.232	ug/l	100
61) 1,2-Dibromoethane	11.24	107	57851	20.351	ug/l	99
64) Tetrachloroethene	10.87	164	98428	19.828	ug/l	98
65) Chlorobenzene	11.66	112	303026	20.258	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	78297	19.058	ug/l	99
67) Ethyl Benzene	11.74	91	522865	20.414	ug/l	99
68) m/p-Xylenes	11.85	106	442115	42.321	ug/l	100
69) o-Xylene	12.17	106	199075	20.855	ug/l	99
70) Styrene	12.19	104	328218	20.727	ug/l	99
71) Bromoform	12.35	173	43169	18.897	ug/l #	99
73) Isopropylbenzene	12.47	105	532653	20.500	ug/l	100
74) N-amyl acetate	12.28	43	101723	20.746	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	77517	19.704	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55037m	19.936	ug/l	
77) Bromobenzene	12.76	156	130074	20.403	ug/l	99
78) n-propylbenzene	12.81	91	670801	20.930	ug/l	99
79) 2-Chlorotoluene	12.90	91	379450	20.498	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	477140	20.784	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23158	18.959	ug/l	94
82) 4-Chlorotoluene	12.99	91	409511	20.763	ug/l	99
83) tert-Butylbenzene	13.21	119	392314	20.347	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	484484	20.800	ug/l	99
85) sec-Butylbenzene	13.39	105	591413	20.895	ug/l	100
86) p-Isopropyltoluene	13.51	119	533675	21.046	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	276355	20.448	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	273323	20.417	ug/l	99
89) n-Butylbenzene	13.83	91	491204	20.635	ug/l	100
90) Hexachloroethane	14.10	117	74244	18.626	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	245471	20.633	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13990	20.590	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	166461	19.972	ug/l	100
94) Hexachlorobutadiene	15.25	225	105930	20.304	ug/l	99
95) Naphthalene	15.38	128	276966	20.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	149473	20.301	ug/l	100

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

