

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003663.D
 Acq On : 29 Jun 2018 16:24
 Operator : SY/AP
 Sample : J2923-04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:30:47 AM

Quant Time: Jun 30 04:37:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114172	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
35) Dibromofluoromethane	7.88	113	100527	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.33	98	386742	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.62	95	135163	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	4234m	7.39	ug/l	
3) Chloromethane	2.21	50	10089	6.96	ug/l	89
4) Vinyl Chloride	2.36	62	14143	6.70	ug/l #	87
5) Bromomethane	2.78	94	8910	6.35	ug/l	99
6) Chloroethane	2.93	64	8647	5.88	ug/l	91
7) Trichlorofluoromethane	3.25	101	7804	6.17	ug/l	97
8) Diethyl Ether	3.67	74	6468	6.96	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.05	101	11835	6.74	ug/l	97
10) Methyl Iodide	4.27	142	16403	6.17	ug/l	97
11) Tert butyl alcohol	5.24	59	3981	36.14	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	11368	6.62	ug/l	89
13) Acrolein	3.89	56	2965	18.83	ug/l	95
14) Allyl chloride	4.65	41	18085	6.08	ug/l	98
15) Acrylonitrile	5.38	53	12286	32.13	ug/l	98
16) Acetone	4.15	43	16492	38.28	ug/l	100
17) Carbon Disulfide	4.37	76	34092	6.72	ug/l	96
18) Methyl Acetate	4.68	43	9467	9.26	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	18625	5.79	ug/l	99
20) Methylene Chloride	4.91	84	22424	9.26	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	12382	6.63	ug/l	90
22) Diisopropyl ether	6.32	45	33201	5.55	ug/l #	91
23) Vinyl Acetate	6.26	43	82369	23.88	ug/l	96
24) 1,1-Dichloroethane	6.21	63	23132	6.51	ug/l	99
25) 2-Butanone	7.19	43	18677	34.87	ug/l	96
26) 2,2-Dichloropropane	7.17	77	16069	6.78	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	12277	5.98	ug/l	90
28) Bromochloromethane	7.51	49	9284	6.28	ug/l	97
29) Tetrahydrofuran	7.54	42	10433	31.87	ug/l	93
30) Chloroform	7.68	83	22710	6.27	ug/l	98
31) Cyclohexane	7.95	56	22339	6.73	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	18642	6.24	ug/l	98
36) 1,1-Dichloropropene	8.09	75	18275	6.20	ug/l	97
37) Ethyl Acetate	7.26	43	8072	6.61	ug/l	97
38) Carbon Tetrachloride	8.07	117	18037	6.24	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	19100	5.60	ug/l	97
40) Benzene	8.32	78	50745	6.25	ug/l	97
41) Methacrylonitrile	7.49	41	3754	5.01	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	16020	6.30	ug/l	99
43) Isopropyl Acetate	8.43	43	14562	6.01	ug/l	98
44) Trichloroethene	9.10	130	13286	6.18	ug/l	96
45) 1,2-Dichloropropane	9.37	63	13054	6.31	ug/l	96
46) Dibromomethane	9.46	93	6827	6.45	ug/l	95
47) Bromodichloromethane	9.65	83	16561	6.10	ug/l	93
48) Methyl methacrylate	9.44	41	6797	5.97	ug/l	94
49) 1,4-Dioxane	9.49	88	1743	109.06	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	34930	28.29	ug/l	98
52) Toluene	10.39	92	32582	6.26	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	15780	5.69	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	17484	5.54	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	9137	6.13	ug/l	95
56) Ethyl methacrylate	10.65	69	9490	5.24	ug/l	99
57) 1,3-Dichloropropane	10.94	76	15975	6.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	22112	27.23	ug/l	99
59) 2-Hexanone	10.98	43	24561	28.47	ug/l	95
60) Dibromochloromethane	11.13	129	10144	5.72	ug/l	97
61) 1,2-Dibromoethane	11.24	107	8331	5.90	ug/l	95
64) Tetrachloroethene	10.87	164	12258	6.50	ug/l	96
65) Chlorobenzene	11.66	112	35508	6.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	11860	5.75	ug/l	98
67) Ethyl Benzene	11.74	91	56340	5.42	ug/l	97
68) m/p-Xylenes	11.84	106	42592	10.77	ug/l	99
69) o-Xylene	12.17	106	18980	5.18	ug/l	99
70) Styrene	12.19	104	31104	5.10	ug/l	100
71) Bromoform	12.35	173	6208	5.81	ug/l #	97
73) Isopropylbenzene	12.47	105	52595	5.07	ug/l	98
74) N-amyl acetate	12.28	43	12109	5.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10362	5.90	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	7363m	5.77	ug/l	
77) Bromobenzene	12.75	156	13727	5.68	ug/l	98
78) n-propylbenzene	12.81	91	69120	5.44	ug/l	99
79) 2-Chlorotoluene	12.90	91	39149	5.45	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	46652	5.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2877	5.19	ug/l	88
82) 4-Chlorotoluene	12.99	91	41411	5.44	ug/l	97
83) tert-Butylbenzene	13.21	119	37744	5.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	46391	5.18	ug/l	98
85) sec-Butylbenzene	13.39	105	58033	5.26	ug/l	98
86) p-Isopropyltoluene	13.51	119	48808	5.02	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	27875	5.62	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	29151	5.91	ug/l	95
89) n-Butylbenzene	13.83	91	49532	5.22	ug/l	99
90) Hexachloroethane	14.10	117	9892	5.62	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	24646	5.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1744	5.90	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16303	5.34	ug/l	97
94) Hexachlorobutadiene	15.25	225	10535	5.74	ug/l	98
95) Naphthalene	15.38	128	24322	4.70	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	14560	5.42	ug/l	97

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

