

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003660.D
 Acq On : 29 Jun 2018 15:06
 Operator : SY/AP
 Sample : J2923-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:30:32 AM

Quant Time: Jun 30 04:27:21 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	197639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116668	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	7.88	113	102049	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.33	98	400493	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.62	95	140714	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4182	7.00	ug/l	75
3) Chloromethane	2.21	50	9564	6.34	ug/l	93
4) Vinyl Chloride	2.36	62	14232	6.47	ug/l	100
5) Bromomethane	2.78	94	8636	5.90	ug/l	97
6) Chloroethane	2.93	64	8766	5.72	ug/l #	87
7) Trichlorofluoromethane	3.25	101	8246	6.25	ug/l	93
8) Diethyl Ether	3.68	74	6239	6.44	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11612	6.34	ug/l	96
10) Methyl Iodide	4.26	142	16588	5.99	ug/l	97
11) Tert butyl alcohol	5.24	59	4069m	35.44	ug/l	
12) 1,1-Dichloroethene	4.03	96	11158	6.24	ug/l	96
13) Acrolein	3.89	56	2664	16.23	ug/l #	79
14) Allyl chloride	4.66	41	18734	6.05	ug/l	99
15) Acrylonitrile	5.38	53	11879	29.81	ug/l	99
16) Acetone	4.14	43	16411	36.55	ug/l	96
17) Carbon Disulfide	4.37	76	34946	6.61	ug/l	99
18) Methyl Acetate	4.68	43	10174	9.55	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	18534	5.53	ug/l	91
20) Methylene Chloride	4.92	84	20840	7.83	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	11959	6.14	ug/l	96
22) Diisopropyl ether	6.32	45	33707	5.40	ug/l	95
23) Vinyl Acetate	6.26	43	81517	22.68	ug/l	98
24) 1,1-Dichloroethane	6.22	63	23537	6.36	ug/l	98
25) 2-Butanone	7.19	43	17479	31.31	ug/l #	84
26) 2,2-Dichloropropane	7.17	77	16476	6.67	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	12521	5.85	ug/l	92
28) Bromochloromethane	7.51	49	9120	5.92	ug/l	96
29) Tetrahydrofuran	7.54	42	9064	26.56	ug/l	99
30) Chloroform	7.68	83	23538	6.24	ug/l	94
31) Cyclohexane	7.96	56	23468	6.78	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	18882	6.06	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17747	5.89	ug/l	99
37) Ethyl Acetate	7.26	43	7821	6.26	ug/l	98
38) Carbon Tetrachloride	8.07	117	18232	6.16	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	19969	5.72	ug/l	95
40) Benzene	8.32	78	51668	6.22	ug/l	95
41) Methacrylonitrile	7.49	41	3676	4.80	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	15971	6.13	ug/l	99
43) Isopropyl Acetate	8.43	43	13854	5.59	ug/l	96
44) Trichloroethene	9.10	130	13609	6.18	ug/l	92
45) 1,2-Dichloropropane	9.37	63	12939	6.11	ug/l	97
46) Dibromomethane	9.46	93	6540	6.04	ug/l	97
47) Bromodichloromethane	9.65	83	16804	6.05	ug/l	99
48) Methyl methacrylate	9.44	41	6057	5.20	ug/l	98
49) 1,4-Dioxane	9.48	88	1659m	101.41	ug/l	
51) 4-Methyl-2-Pentanone	10.22	43	33663	26.63	ug/l	97
52) Toluene	10.39	92	33728	6.33	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	15416	5.43	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	18100	5.61	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	8714	5.71	ug/l	92
56) Ethyl methacrylate	10.65	69	9005	4.86	ug/l	97
57) 1,3-Dichloropropane	10.93	76	15033	5.71	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	20985	25.25	ug/l	96
59) 2-Hexanone	10.98	43	23404	26.51	ug/l	96
60) Dibromochloromethane	11.13	129	10370	5.71	ug/l	98
61) 1,2-Dibromoethane	11.24	107	8413	5.83	ug/l	100
64) Tetrachloroethene	10.87	164	12162	6.27	ug/l	94
65) Chlorobenzene	11.66	112	36523	6.05	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	12200	5.75	ug/l	99
67) Ethyl Benzene	11.74	91	59199	5.53	ug/l	98
68) m/p-Xylenes	11.84	106	43349	10.66	ug/l	98
69) o-Xylene	12.17	106	18908	5.02	ug/l	96
70) Styrene	12.19	104	32023	5.10	ug/l	99
71) Bromoform	12.35	173	5883	5.35	ug/l #	100
73) Isopropylbenzene	12.47	105	54501	5.11	ug/l	100
74) N-amyl acetate	12.28	43	11615	4.78	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	10334	5.73	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	8132m	6.20	ug/l	
77) Bromobenzene	12.76	156	14032	5.65	ug/l	96
78) n-propylbenzene	12.81	91	71259	5.46	ug/l	100
79) 2-Chlorotoluene	12.90	91	40631	5.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	47610	5.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2900	5.09	ug/l	94
82) 4-Chlorotoluene	13.00	91	43288	5.53	ug/l	98
83) tert-Butylbenzene	13.21	119	38344	5.03	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	48686	5.29	ug/l	98
85) sec-Butylbenzene	13.40	105	59942	5.29	ug/l	99
86) p-Isopropyltoluene	13.51	119	50586	5.06	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	29072	5.70	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	29878	5.89	ug/l	94
89) n-Butylbenzene	13.83	91	52177	5.35	ug/l	96
90) Hexachloroethane	14.10	117	10126	5.60	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	25708	5.75	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1842	6.07	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16550	5.27	ug/l	98
94) Hexachlorobutadiene	15.25	225	10834	5.74	ug/l	98
95) Naphthalene	15.38	128	23991	4.51	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	14851	5.38	ug/l	99

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

