

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003661.D
 Acq On : 29 Jun 2018 15:32
 Operator : SY/AP
 Sample : J2923-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:30:40 AM

Quant Time: Jun 30 04:33:44 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	193533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117262	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
35) Dibromofluoromethane	7.88	113	102770	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	10.33	98	399638	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.63	95	143214	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	3792	6.48	ug/l	89
3) Chloromethane	2.20	50	9402	6.36	ug/l	98
4) Vinyl Chloride	2.36	62	13449	6.24	ug/l	99
5) Bromomethane	2.78	94	8118	5.67	ug/l	97
6) Chloroethane	2.93	64	7959	5.31	ug/l	96
7) Trichlorofluoromethane	3.25	101	8047	6.23	ug/l	90
8) Diethyl Ether	3.68	74	6164	6.50	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	10947	6.11	ug/l	98
10) Methyl Iodide	4.26	142	15825	5.84	ug/l	98
11) Tert butyl alcohol	5.23	59	3978	35.38	ug/l	99
12) 1,1-Dichloroethene	4.03	96	11063	6.31	ug/l	95
13) Acrolein	3.89	56	2918	18.15	ug/l	91
14) Allyl chloride	4.66	41	17920	5.91	ug/l	99
15) Acrylonitrile	5.39	53	11867	30.41	ug/l	99
16) Acetone	4.14	43	16658	37.89	ug/l #	89
17) Carbon Disulfide	4.37	76	33281	6.43	ug/l	97
18) Methyl Acetate	4.68	43	9725	9.32	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	18362	5.60	ug/l	99
20) Methylene Chloride	4.91	84	21083	8.22	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	11630	6.10	ug/l	89
22) Diisopropyl ether	6.32	45	31471	5.15	ug/l	93
23) Vinyl Acetate	6.26	43	78840	22.40	ug/l	98
24) 1,1-Dichloroethane	6.21	63	22097	6.09	ug/l	99
25) 2-Butanone	7.18	43	17221	31.50	ug/l	98
26) 2,2-Dichloropropane	7.17	77	15464	6.39	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	11538	5.51	ug/l	89
28) Bromochloromethane	7.51	49	9121	6.05	ug/l	97
29) Tetrahydrofuran	7.54	42	9346	27.97	ug/l	99
30) Chloroform	7.68	83	22057	5.97	ug/l	98
31) Cyclohexane	7.95	56	22544	6.66	ug/l #	87
32) 1,1,1-Trichloroethane	7.88	97	17799	5.84	ug/l	96
36) 1,1-Dichloropropene	8.08	75	17289	5.84	ug/l	98
37) Ethyl Acetate	7.26	43	7721	6.30	ug/l	99
38) Carbon Tetrachloride	8.07	117	16544	5.70	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18379	5.37	ug/l	92
40) Benzene	8.32	78	49282	6.04	ug/l	98
41) Methacrylonitrile	7.49	41	4190	5.57	ug/l	97
42) 1,2-Dichloroethane	8.40	62	15398	6.03	ug/l	97
43) Isopropyl Acetate	8.43	43	13363	5.49	ug/l	94
44) Trichloroethene	9.09	130	12875	5.96	ug/l	92
45) 1,2-Dichloropropane	9.38	63	12398	5.97	ug/l	93
46) Dibromomethane	9.46	93	6290	5.92	ug/l	99
47) Bromodichloromethane	9.65	83	15773	5.79	ug/l	96
48) Methyl methacrylate	9.45	41	5994	5.24	ug/l	97
49) 1,4-Dioxane	9.48	88	1775	110.56	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	34363	27.70	ug/l	97
52) Toluene	10.39	92	31313	5.99	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14815	5.32	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	16956	5.35	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	8368	5.58	ug/l	97
56) Ethyl methacrylate	10.65	69	9109	5.01	ug/l	96
57) 1,3-Dichloropropane	10.94	76	15259	5.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	21121	25.89	ug/l	98
59) 2-Hexanone	10.98	43	23188	26.76	ug/l	98
60) Dibromochloromethane	11.13	129	9607	5.39	ug/l	97
61) 1,2-Dibromoethane	11.24	107	7811	5.51	ug/l	97
64) Tetrachloroethene	10.87	164	11422	5.95	ug/l	98
65) Chlorobenzene	11.66	112	33824	5.66	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	11463	5.46	ug/l	97
67) Ethyl Benzene	11.74	91	54597	5.15	ug/l	96
68) m/p-Xylenes	11.85	106	41029	10.19	ug/l	98
69) o-Xylene	12.17	106	18229	4.88	ug/l	99
70) Styrene	12.19	104	29118	4.69	ug/l	97
71) Bromoform	12.35	173	5340	4.90	ug/l #	97
73) Isopropylbenzene	12.47	105	49623	4.73	ug/l	98
74) N-amyl acetate	12.28	43	11756	4.93	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10493	5.92	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	6989m	5.42	ug/l	
77) Bromobenzene	12.75	156	13239	5.42	ug/l	96
78) n-propylbenzene	12.81	91	67853	5.29	ug/l	99
79) 2-Chlorotoluene	12.90	91	37856	5.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	44582	5.07	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2792	4.99	ug/l	92
82) 4-Chlorotoluene	12.99	91	40932	5.32	ug/l	100
83) tert-Butylbenzene	13.21	119	35875	4.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	45212	4.99	ug/l	99
85) sec-Butylbenzene	13.39	105	54944	4.93	ug/l	99
86) p-Isopropyltoluene	13.51	119	47899	4.87	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	27159	5.41	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	28393	5.69	ug/l	94
89) n-Butylbenzene	13.83	91	48291	5.04	ug/l	98
90) Hexachloroethane	14.10	117	10052	5.65	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	24468	5.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1822	6.10	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16357	5.30	ug/l	98
94) Hexachlorobutadiene	15.25	225	10167	5.48	ug/l	98
95) Naphthalene	15.38	128	23752	4.54	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	13989	5.15	ug/l	96

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

