

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049798.D
 Acq On : 13 Jul 2018 15:43
 Operator : MD\SY
 Sample : VN0713WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:02:48 AM

Quant Time: Jul 14 00:09:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1121802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1638730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1484144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	742499	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	643615	49.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.64%	
35) Dibromofluoromethane	7.60	113	618450	50.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.14%	
50) Toluene-d8	10.09	98	2023346	47.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.40	95	715161	47.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	195596	19.33	ug/l	96
3) Chloromethane	2.06	50	256071	19.21	ug/l	100
4) Vinyl Chloride	2.18	62	292104	20.14	ug/l	100
5) Bromomethane	2.57	94	182463	19.95	ug/l	95
6) Chloroethane	2.71	64	190591	19.10	ug/l	99
7) Trichlorofluoromethane	3.02	101	408668	19.21	ug/l	99
8) Diethyl Ether	3.42	74	142547	18.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	263585	19.09	ug/l	99
10) Methyl Iodide	3.96	142	337628	19.24	ug/l	100
11) Tert butyl alcohol	4.80	59	82106	94.01	ug/l	99
12) 1,1-Dichloroethene	3.74	96	226519	18.67	ug/l	98
13) Acrolein	3.61	56	66455	86.63	ug/l	98
14) Allyl chloride	4.33	41	365889	18.48	ug/l	98
15) Acrylonitrile	5.00	53	420465	96.13	ug/l	98
16) Acetone	3.82	43	332274	102.23	ug/l	99
17) Carbon Disulfide	4.05	76	589213	18.69	ug/l	100
18) Methyl Acetate	4.33	43	229465	20.62	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	646685	19.22	ug/l	99
20) Methylene Chloride	4.55	84	276087	20.07	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	246285	18.57	ug/l	98
22) Diisopropyl ether	5.96	45	815202	20.05	ug/l	99
23) Vinyl Acetate	5.90	43	2636439	96.74	ug/l	100
24) 1,1-Dichloroethane	5.85	63	497553	19.48	ug/l	99
25) 2-Butanone	6.84	43	495406	97.42	ug/l	96
26) 2,2-Dichloropropane	6.83	77	420486	19.83	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	296916	19.58	ug/l	99
28) Bromochloromethane	7.20	49	225987	19.45	ug/l	98
29) Tetrahydrofuran	7.22	42	309607	96.95	ug/l	99
30) Chloroform	7.37	83	518797	19.71	ug/l	100
31) Cyclohexane	7.66	56	396346	19.34	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	431052	19.28	ug/l	99
36) 1,1-Dichloropropene	7.80	75	358115	18.96	ug/l	100
37) Ethyl Acetate	6.94	43	217791	19.48	ug/l	98
38) Carbon Tetrachloride	7.78	117	373540	18.92	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	361496	18.16	ug/l	97
40) Benzene	8.04	78	1106349	19.58	ug/l	99
41) Methacrylonitrile	7.18	41	110912	17.54	ug/l	94
42) 1,2-Dichloroethane	8.13	62	358926	19.42	ug/l	99
43) Isopropyl Acetate	8.17	43	397223	19.77	ug/l	97
44) Trichloroethene	8.84	130	287657	18.91	ug/l	98
45) 1,2-Dichloropropane	9.12	63	298800	19.68	ug/l	99
46) Dibromomethane	9.21	93	175194	19.43	ug/l	99
47) Bromodichloromethane	9.40	83	388628	19.57	ug/l	97
48) Methyl methacrylate	9.20	41	188689	18.78	ug/l	99
49) 1,4-Dioxane	9.20	88	50262	381.86	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1088418	99.77	ug/l	99
52) Toluene	10.16	92	676585	20.01	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	366580	19.19	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	430238	19.78	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	259877	19.91	ug/l	99
56) Ethyl methacrylate	10.43	69	297424	19.49	ug/l	97
57) 1,3-Dichloropropane	10.71	76	419388	19.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	740806	101.21	ug/l	98
59) 2-Hexanone	10.75	43	707757	97.59	ug/l	100
60) Dibromochloromethane	10.90	129	289749	19.56	ug/l	99
61) 1,2-Dibromoethane	11.01	107	236273	19.20	ug/l	98
64) Tetrachloroethene	10.63	164	257521	19.11	ug/l	98
65) Chlorobenzene	11.44	112	745006	19.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	290870	20.00	ug/l	99
67) Ethyl Benzene	11.51	91	1224052	19.33	ug/l	100
68) m/p-Xylenes	11.62	106	954204	40.15	ug/l	99
69) o-Xylene	11.95	106	457069	19.91	ug/l	98
70) Styrene	11.97	104	741370	20.33	ug/l	99
71) Bromoform	12.13	173	191302	19.46	ug/l #	100
73) Isopropylbenzene	12.25	105	1229219	19.92	ug/l	99
74) N-amyl acetate	12.07	43	306205	19.07	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	316776	21.14	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	257506m	19.52	ug/l	
77) Bromobenzene	12.53	156	319955	19.55	ug/l	98
78) n-propylbenzene	12.59	91	1386818	19.93	ug/l	99
79) 2-Chlorotoluene	12.68	91	851337	19.99	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1005283	20.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	75862	18.57	ug/l	96
82) 4-Chlorotoluene	12.78	91	851688	20.17	ug/l	100
83) tert-Butylbenzene	12.99	119	877367	20.00	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1018835	20.72	ug/l	100
85) sec-Butylbenzene	13.17	105	1162898	20.22	ug/l	99
86) p-Isopropyltoluene	13.29	119	997993	20.51	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	553271	19.49	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	531341	19.26	ug/l	100
89) n-Butylbenzene	13.62	91	776083	19.32	ug/l	100
90) Hexachloroethane	13.88	117	196482	20.37	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	545622	19.70	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43178	19.50	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	246878	18.18	ug/l	99
94) Hexachlorobutadiene	15.01	225	178649	20.44	ug/l	99
95) Naphthalene	15.14	128	466396	17.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	260106	19.36	ug/l	99

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

