

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049815.D
 Acq On : 13 Jul 2018 23:56
 Operator : MD\SY
 Sample : VN0713WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:02:49 AM

Quant Time: Jul 14 01:52:15 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	1101092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1655051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1481365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	748153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	655728	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.59	113	636960	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.09	98	2076081	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	725987	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	186369	18.72	ug/l	97
3) Chloromethane	2.06	50	250742	19.16	ug/l	99
4) Vinyl Chloride	2.18	62	283544	19.91	ug/l	97
5) Bromomethane	2.57	94	173154	19.25	ug/l	99
6) Chloroethane	2.71	64	185637	18.95	ug/l	100
7) Trichlorofluoromethane	3.02	101	400090	19.16	ug/l	98
8) Diethyl Ether	3.42	74	136520	18.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	251680	18.57	ug/l	99
10) Methyl Iodide	3.96	142	314854	18.28	ug/l	98
11) Tert butyl alcohol	4.80	59	75579	88.16	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	221632	18.61	ug/l	97
13) Acrolein	3.61	56	54785	72.76	ug/l	97
14) Allyl chloride	4.33	41	342616	17.63	ug/l	98
15) Acrylonitrile	5.00	53	399331	93.01	ug/l	99
16) Acetone	3.82	43	286077	89.41	ug/l	98
17) Carbon Disulfide	4.06	76	562226	18.16	ug/l	99
18) Methyl Acetate	4.33	43	225989	20.69	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	616440	18.66	ug/l	99
20) Methylene Chloride	4.55	84	272799	20.21	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	236037	18.14	ug/l	100
22) Diisopropyl ether	5.96	45	797723	19.99	ug/l	98
23) Vinyl Acetate	5.90	43	2487274	92.99	ug/l	100
24) 1,1-Dichloroethane	5.85	63	483032	19.26	ug/l	100
25) 2-Butanone	6.84	43	441667	88.48	ug/l	98
26) 2,2-Dichloropropane	6.83	77	318230	15.29	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	281081	18.88	ug/l	97
28) Bromochloromethane	7.20	49	226210	19.83	ug/l	97
29) Tetrahydrofuran	7.22	42	283627	90.49	ug/l	99
30) Chloroform	7.38	83	504888	19.54	ug/l	98
31) Cyclohexane	7.66	56	370241	18.39	ug/l	96
32) 1,1,1-Trichloroethane	7.58	97	417562	19.03	ug/l	98
36) 1,1-Dichloropropene	7.80	75	342235	17.94	ug/l	99
37) Ethyl Acetate	6.93	43	208202	18.44	ug/l	98
38) Carbon Tetrachloride	7.78	117	367540	18.43	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	335994	16.71	ug/l	100
40) Benzene	8.04	78	1077631	18.89	ug/l	99
41) Methacrylonitrile	7.18	41	98284	15.39	ug/l #	86
42) 1,2-Dichloroethane	8.13	62	347414	18.62	ug/l	99
43) Isopropyl Acetate	8.17	43	462952	22.81	ug/l	94
44) Trichloroethene	8.84	130	278463	18.13	ug/l	99
45) 1,2-Dichloropropane	9.12	63	289513	18.88	ug/l	99
46) Dibromomethane	9.21	93	169535	18.62	ug/l	98
47) Bromodichloromethane	9.41	83	378156	18.86	ug/l	99
48) Methyl methacrylate	9.20	41	184102	18.15	ug/l	98
49) 1,4-Dioxane	9.20	88	46748	351.66	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1039296	94.33	ug/l	100
52) Toluene	10.16	92	658401	19.28	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	341512	17.70	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	403095	18.35	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	247074	18.70	ug/l	96
56) Ethyl methacrylate	10.43	69	279269	18.12	ug/l	98
57) 1,3-Dichloropropane	10.71	76	404197	18.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	682600	92.34	ug/l	100
59) 2-Hexanone	10.75	43	645893	88.18	ug/l	98
60) Dibromochloromethane	10.90	129	284522	19.02	ug/l	99
61) 1,2-Dibromoethane	11.01	107	230543	18.55	ug/l	100
64) Tetrachloroethene	10.63	164	253111	18.82	ug/l	99
65) Chlorobenzene	11.44	112	725050	18.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	282057	19.43	ug/l	99
67) Ethyl Benzene	11.51	91	1183375	18.73	ug/l	99
68) m/p-Xylenes	11.62	106	916437	38.64	ug/l	100
69) o-Xylene	11.95	106	439206	19.17	ug/l	98
70) Styrene	11.97	104	717010	19.70	ug/l	100
71) Bromoform	12.13	173	187013	19.06	ug/l #	98
73) Isopropylbenzene	12.25	105	1192573	19.18	ug/l	99
74) N-amyl acetate	12.07	43	297514	18.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	302217	19.91	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	226168m	17.02	ug/l	
77) Bromobenzene	12.53	156	311177	18.87	ug/l	97
78) n-propylbenzene	12.59	91	1331444	18.99	ug/l	100
79) 2-Chlorotoluene	12.68	91	828267	19.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	965149	19.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	70006	17.01	ug/l	98
82) 4-Chlorotoluene	12.78	91	812380	19.09	ug/l	98
83) tert-Butylbenzene	12.99	119	838428	18.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	985003	19.88	ug/l	100
85) sec-Butylbenzene	13.17	105	1122140	19.37	ug/l	100
86) p-Isopropyltoluene	13.29	119	941820	19.21	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	536078	18.75	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	513011	18.45	ug/l	99
89) n-Butylbenzene	13.62	91	724103	17.89	ug/l	98
90) Hexachloroethane	13.88	117	188282	19.33	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	527759	18.91	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43369	19.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	229846	17.01	ug/l	99
94) Hexachlorobutadiene	15.01	225	166808	18.86	ug/l	99
95) Naphthalene	15.14	128	443331	16.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	242482	17.91	ug/l	100

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

