

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049907.D
 Acq On : 19 Jul 2018 11:16
 Operator : MD\SY
 Sample : VN0719WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 11:08:02 AM

Quant Time: Jul 20 01:40:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	585672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	857448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	801151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	444340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	403223	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.59	113	355974	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	1342503	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	470249	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109683	19.67	ug/l	97
3) Chloromethane	2.06	50	153951	19.26	ug/l	100
4) Vinyl Chloride	2.18	62	156425	18.35	ug/l	100
5) Bromomethane	2.57	94	114390	22.96	ug/l	99
6) Chloroethane	2.71	64	100206	17.99	ug/l	100
7) Trichlorofluoromethane	3.02	101	220127	18.78	ug/l	100
8) Diethyl Ether	3.41	74	78371	19.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	137294	19.00	ug/l	99
10) Methyl Iodide	3.95	142	135286	13.95	ug/l	99
11) Tert butyl alcohol	4.79	59	52911	92.26	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	122083	19.23	ug/l	98
13) Acrolein	3.61	56	29698	80.37	ug/l	96
14) Allyl chloride	4.32	41	193705	19.35	ug/l	99
15) Acrylonitrile	4.99	53	228127	90.45	ug/l	98
16) Acetone	3.82	43	196805	94.43	ug/l	100
17) Carbon Disulfide	4.05	76	339536	17.87	ug/l	99
18) Methyl Acetate	4.32	43	126937	18.87	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	339490	19.43	ug/l	100
20) Methylene Chloride	4.55	84	145350	18.34	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	131885	19.56	ug/l	99
22) Diisopropyl ether	5.95	45	416743	20.40	ug/l	99
23) Vinyl Acetate	5.90	43	1373770	95.86	ug/l	99
24) 1,1-Dichloroethane	5.84	63	250611	19.11	ug/l	99
25) 2-Butanone	6.84	43	278468	93.49	ug/l	98
26) 2,2-Dichloropropane	6.82	77	212071	20.79	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	146091	19.75	ug/l	98
28) Bromochloromethane	7.19	49	115951	19.58	ug/l	98
29) Tetrahydrofuran	7.21	42	172862	92.12	ug/l	99
30) Chloroform	7.37	83	260168	19.33	ug/l	100
31) Cyclohexane	7.65	56	210133	19.69	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	222844	19.15	ug/l	99
36) 1,1-Dichloropropene	7.79	75	187846	19.70	ug/l	99
37) Ethyl Acetate	6.93	43	120457	18.40	ug/l	99
38) Carbon Tetrachloride	7.77	117	197136	19.30	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	196955	20.00	ug/l	97
40) Benzene	8.04	78	576015	19.82	ug/l	99
41) Methacrylonitrile	7.17	41	59859	18.24	ug/l	93
42) 1,2-Dichloroethane	8.12	62	189261	19.66	ug/l	99
43) Isopropyl Acetate	8.16	43	224932	19.67	ug/l	99
44) Trichloroethene	8.83	130	153611	20.16	ug/l	99
45) 1,2-Dichloropropane	9.12	63	151755	19.36	ug/l	98
46) Dibromomethane	9.21	93	91804	18.88	ug/l	100
47) Bromodichloromethane	9.40	83	200802	19.97	ug/l	99
48) Methyl methacrylate	9.20	41	107157	18.68	ug/l	99
49) 1,4-Dioxane	9.20	88	30643	376.50	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	609507	95.33	ug/l	99
52) Toluene	10.15	92	360217	20.78	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	195289	19.64	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	224628	20.44	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	137848	19.25	ug/l	98
56) Ethyl methacrylate	10.43	69	159775	18.06	ug/l	98
57) 1,3-Dichloropropane	10.71	76	220434	19.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	368450	88.09	ug/l	99
59) 2-Hexanone	10.75	43	420768	97.98	ug/l	98
60) Dibromochloromethane	10.90	129	150734	19.20	ug/l	100
61) 1,2-Dibromoethane	11.00	107	130135	19.45	ug/l	97
64) Tetrachloroethene	10.63	164	139453	19.37	ug/l	99
65) Chlorobenzene	11.43	112	391720	19.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	147662	18.94	ug/l	99
67) Ethyl Benzene	11.51	91	655582	20.08	ug/l	98
68) m/p-Xylenes	11.62	106	510677	41.31	ug/l	100
69) o-Xylene	11.95	106	240826	20.28	ug/l	99
70) Styrene	11.96	104	401737	20.89	ug/l	99
71) Bromoform	12.13	173	105688	18.95	ug/l #	100
73) Isopropylbenzene	12.25	105	652598	19.34	ug/l	100
74) N-amyl acetate	12.07	43	182991	17.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	172941	17.10	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	151489m	18.17	ug/l	
77) Bromobenzene	12.53	156	174301	18.70	ug/l	100
78) n-propylbenzene	12.59	91	767164	19.99	ug/l	100
79) 2-Chlorotoluene	12.67	91	456217	19.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	542469	20.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45815	17.19	ug/l	97
82) 4-Chlorotoluene	12.77	91	469744	19.87	ug/l	100
83) tert-Butylbenzene	12.99	119	459137	19.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	564110	20.58	ug/l	100
85) sec-Butylbenzene	13.17	105	639181	20.36	ug/l	100
86) p-Isopropyltoluene	13.29	119	552887	20.66	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	313902	19.33	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	310605	19.08	ug/l	100
89) n-Butylbenzene	13.62	91	451502	20.43	ug/l	99
90) Hexachloroethane	13.87	117	105824	17.62	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	302637	18.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26816	17.16	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	150084	19.34	ug/l	99
94) Hexachlorobutadiene	15.01	225	102583	19.61	ug/l	99
95) Naphthalene	15.14	128	301236	17.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	153616	20.05	ug/l	99

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

