

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049912.D
 Acq On : 19 Jul 2018 13:24
 Operator : MD\SY
 Sample : VN0719WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 11:08:04 AM

Quant Time: Jul 20 01:46:14 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	7.67	168	593026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	897196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	428279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	419149	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.59	113	371084	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.09	98	1364413	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	465063	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109655	19.40	ug/l	96
3) Chloromethane	2.06	50	146223	18.06	ug/l	99
4) Vinyl Chloride	2.18	62	159911	18.52	ug/l	100
5) Bromomethane	2.57	94	63120	11.61	ug/l	96
6) Chloroethane	2.70	64	104916	18.61	ug/l	99
7) Trichlorofluoromethane	3.02	101	223807	18.86	ug/l	97
8) Diethyl Ether	3.41	74	81305	19.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	141129	19.29	ug/l	99
10) Methyl Iodide	3.95	142	67319	6.86	ug/l	98
11) Tert butyl alcohol	4.80	59	58010	99.90	ug/l	100
12) 1,1-Dichloroethene	3.73	96	124317	19.34	ug/l	96
13) Acrolein	3.60	56	32198	86.05	ug/l	96
14) Allyl chloride	4.32	41	200550	19.79	ug/l	98
15) Acrylonitrile	4.99	53	249444	97.68	ug/l	99
16) Acetone	3.82	43	204494	96.90	ug/l	100
17) Carbon Disulfide	4.05	76	353312	18.37	ug/l	100
18) Methyl Acetate	4.33	43	137423	20.23	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	368007	20.80	ug/l	98
20) Methylene Chloride	4.55	84	148244	18.47	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	133261	19.52	ug/l	96
22) Diisopropyl ether	5.95	45	441214	21.33	ug/l	97
23) Vinyl Acetate	5.90	43	1482724	102.18	ug/l	99
24) 1,1-Dichloroethane	5.85	63	263704	19.86	ug/l	99
25) 2-Butanone	6.84	43	296122	98.18	ug/l	97
26) 2,2-Dichloropropane	6.83	77	213867	20.70	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	155877	20.81	ug/l	99
28) Bromochloromethane	7.20	49	121760	20.31	ug/l	98
29) Tetrahydrofuran	7.22	42	191843	100.97	ug/l	99
30) Chloroform	7.37	83	271572	19.92	ug/l	99
31) Cyclohexane	7.65	56	220304	20.38	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	231897	19.68	ug/l	99
36) 1,1-Dichloropropene	7.79	75	199606	20.01	ug/l	99
37) Ethyl Acetate	6.93	43	128928	18.82	ug/l	100
38) Carbon Tetrachloride	7.77	117	202741	18.97	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	200995	19.50	ug/l	97
40) Benzene	8.04	78	602080	19.80	ug/l	99
41) Methacrylonitrile	7.17	41	65674	19.12	ug/l #	50
42) 1,2-Dichloroethane	8.13	62	196476	19.51	ug/l	100
43) Isopropyl Acetate	8.17	43	258463	21.60	ug/l #	90
44) Trichloroethene	8.83	130	156653	19.65	ug/l	97
45) 1,2-Dichloropropane	9.12	63	160090	19.52	ug/l	97
46) Dibromomethane	9.21	93	96075	18.89	ug/l	100
47) Bromodichloromethane	9.40	83	206453	19.62	ug/l	97
48) Methyl methacrylate	9.20	41	114205	19.02	ug/l	99
49) 1,4-Dioxane	9.20	88	35092	412.06	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	667577	99.79	ug/l	100
52) Toluene	10.16	92	368099	20.30	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	201115	19.33	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	227904	19.82	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	142103	18.97	ug/l	99
56) Ethyl methacrylate	10.43	69	173950	18.70	ug/l	98
57) 1,3-Dichloropropane	10.71	76	230942	19.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	408549	92.77	ug/l	99
59) 2-Hexanone	10.75	43	442955	98.57	ug/l	98
60) Dibromochloromethane	10.90	129	156295	19.02	ug/l	99
61) 1,2-Dibromoethane	11.01	107	136774	19.54	ug/l	100
64) Tetrachloroethene	10.63	164	142566	19.63	ug/l	99
65) Chlorobenzene	11.43	112	404306	19.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	153539	19.52	ug/l	99
67) Ethyl Benzene	11.51	91	671544	20.38	ug/l	99
68) m/p-Xylenes	11.62	106	529444	42.45	ug/l	100
69) o-Xylene	11.95	106	249094	20.79	ug/l	98
70) Styrene	11.96	104	410185	21.14	ug/l	100
71) Bromoform	12.13	173	108769	19.33	ug/l #	100
73) Isopropylbenzene	12.25	105	674093	20.72	ug/l	100
74) N-amyl acetate	12.07	43	203137	20.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	182877	18.76	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	158127m	19.68	ug/l	
77) Bromobenzene	12.53	156	176445	19.64	ug/l	98
78) n-propylbenzene	12.59	91	773988	20.93	ug/l	100
79) 2-Chlorotoluene	12.67	91	468969	20.65	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	556759	21.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45498	17.71	ug/l	97
82) 4-Chlorotoluene	12.77	91	480372	21.08	ug/l	99
83) tert-Butylbenzene	12.99	119	470889	20.56	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	572869	21.69	ug/l	99
85) sec-Butylbenzene	13.17	105	643417	21.26	ug/l	100
86) p-Isopropyltoluene	13.29	119	556894	21.59	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	310054	19.81	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	302491	19.28	ug/l	99
89) n-Butylbenzene	13.62	91	446045	20.94	ug/l	99
90) Hexachloroethane	13.88	117	103679	17.91	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	309445	20.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27440	18.22	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	145221	19.40	ug/l	99
94) Hexachlorobutadiene	15.01	225	98342	19.50	ug/l	99
95) Naphthalene	15.14	128	305962	18.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	145769	19.74	ug/l	97

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

