

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050052.D
 Acq On : 25 Jul 2018 19:20
 Operator : MD\SY
 Sample : VN0725WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/26/2018 3:55:05 PM

Quant Time: Jul 26 07:10:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	596788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	884150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	802956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	425217	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	374461	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	10.09	98	1375801	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.40	95	435865	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	180980	21.11	ug/l	99
3) Chloromethane	2.06	50	186151	19.97	ug/l	100
4) Vinyl Chloride	2.18	62	191792	19.54	ug/l	99
5) Bromomethane	2.56	94	119707	21.39	ug/l	100
6) Chloroethane	2.70	64	113854	19.31	ug/l	99
7) Trichlorofluoromethane	3.01	101	251582	19.79	ug/l	98
8) Diethyl Ether	3.41	74	83828	19.77	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145588	19.04	ug/l	100
10) Methyl Iodide	3.95	142	181746	18.52	ug/l	100
11) Tert butyl alcohol	4.81	59	60986	99.54	ug/l	99
12) 1,1-Dichloroethene	3.73	96	133814	19.45	ug/l	96
13) Acrolein	3.61	56	36304	73.75	ug/l	98
14) Allyl chloride	4.32	41	208440	19.54	ug/l	99
15) Acrylonitrile	4.99	53	262441	98.18	ug/l	100
16) Acetone	3.82	43	197793	98.21	ug/l	97
17) Carbon Disulfide	4.05	76	398644	18.92	ug/l	100
18) Methyl Acetate	4.33	43	164637	20.62	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	369652	20.17	ug/l	100
20) Methylene Chloride	4.55	84	155337	20.30	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	144023	19.76	ug/l	98
22) Diisopropyl ether	5.96	45	443293	20.96	ug/l	97
23) Vinyl Acetate	5.90	43	1473705	98.61	ug/l	99
24) 1,1-Dichloroethane	5.85	63	275182	19.90	ug/l	99
25) 2-Butanone	6.85	43	312375	98.36	ug/l	100
26) 2,2-Dichloropropane	6.83	77	195713	18.60	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	155613	19.83	ug/l	98
28) Bromochloromethane	7.20	49	124645	19.76	ug/l	100
29) Tetrahydrofuran	7.22	42	201780	98.32	ug/l	100
30) Chloroform	7.38	83	279169	19.78	ug/l	98
31) Cyclohexane	7.66	56	223747	19.47	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	237525	19.68	ug/l	99
36) 1,1-Dichloropropene	7.80	75	201482	20.23	ug/l	99
37) Ethyl Acetate	6.94	43	139629	20.10	ug/l	99
38) Carbon Tetrachloride	7.78	117	209480	19.82	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	197022	19.23	ug/l	95
40) Benzene	8.05	78	616674	20.34	ug/l	99
41) Methacrylonitrile	7.17	41	66281	20.07	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	205508	20.32	ug/l	100
43) Isopropyl Acetate	8.17	43	255538	18.81	ug/l	99
44) Trichloroethene	8.84	130	160932	19.76	ug/l	100
45) 1,2-Dichloropropane	9.12	63	162395	20.23	ug/l	96
46) Dibromomethane	9.21	93	100845	20.23	ug/l	99
47) Bromodichloromethane	9.41	83	211009	20.05	ug/l	99
48) Methyl methacrylate	9.20	41	118420	19.80	ug/l	98
49) 1,4-Dioxane	9.20	88	33718	414.24	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	704866	103.24	ug/l	99
52) Toluene	10.16	92	374391	20.92	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	197227	19.86	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	228480	20.14	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	145504	20.50	ug/l	99
56) Ethyl methacrylate	10.43	69	169024	18.90	ug/l	99
57) 1,3-Dichloropropane	10.71	76	233836	20.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	400190	94.59	ug/l	99
59) 2-Hexanone	10.76	43	456314	94.25	ug/l	100
60) Dibromochloromethane	10.90	129	158234	20.14	ug/l	99
61) 1,2-Dibromoethane	11.01	107	139569	19.82	ug/l	98
64) Tetrachloroethene	10.63	164	153564	19.89	ug/l	99
65) Chlorobenzene	11.44	112	403321	19.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	153513	19.70	ug/l	99
67) Ethyl Benzene	11.51	91	654398	20.09	ug/l	100
68) m/p-Xylenes	11.62	106	519322	42.14	ug/l	98
69) o-Xylene	11.95	106	243157	20.70	ug/l	99
70) Styrene	11.97	104	387508	19.13	ug/l	99
71) Bromoform	12.13	173	111787	19.72	ug/l #	100
73) Isopropylbenzene	12.25	105	648441	20.96	ug/l	100
74) N-amyl acetate	12.07	43	180484	19.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	184020	21.25	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	148633m	20.05	ug/l	
77) Bromobenzene	12.53	156	171772	20.03	ug/l	99
78) n-propylbenzene	12.59	91	739412	21.38	ug/l	100
79) 2-Chlorotoluene	12.68	91	451321	21.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	533184	21.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44784	19.16	ug/l	95
82) 4-Chlorotoluene	12.78	91	447814	21.10	ug/l	99
83) tert-Butylbenzene	13.00	119	451664	21.27	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	549975	22.42	ug/l	99
85) sec-Butylbenzene	13.17	105	608125	21.43	ug/l	100
86) p-Isopropyltoluene	13.29	119	515324	21.55	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	291615	20.06	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	283445	20.01	ug/l	99
89) n-Butylbenzene	13.62	91	390628	19.87	ug/l	100
90) Hexachloroethane	13.88	117	100879	19.00	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	298482	20.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28072	19.88	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	126061	18.43	ug/l	98
94) Hexachlorobutadiene	15.01	225	91023	20.46	ug/l	97
95) Naphthalene	15.14	128	268526	17.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	134557	19.34	ug/l	98

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

