

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050787.D
 Acq On : 21 Aug 2018 14:32
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN082118

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 11:19:10 AM

Quant Time: Aug 22 06:54:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	698265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	984465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	912781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	473245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	403309	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.59	113	387311	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	1478348	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	491005	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	530233	56.74	ug/l	98
3) Chloromethane	2.06	50	572151	49.64	ug/l	100
4) Vinyl Chloride	2.18	62	557001	51.02	ug/l	99
5) Bromomethane	2.56	94	310354	50.02	ug/l	98
6) Chloroethane	2.70	64	315119	49.95	ug/l	98
7) Trichlorofluoromethane	3.01	101	708548	50.68	ug/l	99
8) Diethyl Ether	3.41	74	242205	50.95	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	443402	50.76	ug/l	100
10) Methyl Iodide	3.95	142	386262	50.34	ug/l	99
11) Tert butyl alcohol	4.79	59	127333	237.88	ug/l	99
12) 1,1-Dichloroethene	3.74	96	402370	51.31	ug/l	97
13) Acrolein	3.61	56	67869	219.48	ug/l	100
14) Allyl chloride	4.32	41	628255	51.41	ug/l	99
15) Acrylonitrile	4.99	53	683488	251.25	ug/l	98
16) Acetone	3.82	43	479174	240.45	ug/l	100
17) Carbon Disulfide	4.05	76	1278197	48.62	ug/l	100
18) Methyl Acetate	4.33	43	358943	45.22	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1032966	52.36	ug/l	100
20) Methylene Chloride	4.55	84	448507	47.34	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	432048	50.93	ug/l	99
22) Diisopropyl ether	5.95	45	1293779	53.12	ug/l	98
23) Vinyl Acetate	5.90	43	4184564	266.80	ug/l	100
24) 1,1-Dichloroethane	5.85	63	779288	49.84	ug/l	99
25) 2-Butanone	6.84	43	756702	223.37	ug/l	100
26) 2,2-Dichloropropane	6.82	77	640131	50.95	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	473342	51.76	ug/l	100
28) Bromochloromethane	7.19	49	325226	48.95	ug/l	99
29) Tetrahydrofuran	7.21	42	489898	252.23	ug/l	99
30) Chloroform	7.37	83	773343	49.95	ug/l	99
31) Cyclohexane	7.65	56	723037	50.88	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	669746	50.36	ug/l	99
36) 1,1-Dichloropropene	7.79	75	616575	53.07	ug/l	100
37) Ethyl Acetate	6.93	43	335425	50.26	ug/l	99
38) Carbon Tetrachloride	7.77	117	603548	51.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	704346	56.04	ug/l	97
40) Benzene	8.04	78	1812200	51.73	ug/l	99
41) Methacrylonitrile	7.18	41	187566	51.94	ug/l	96
42) 1,2-Dichloroethane	8.12	62	537013	51.27	ug/l	100
43) Isopropyl Acetate	8.17	43	588405	51.28	ug/l	100
44) Trichloroethene	8.83	130	476916	51.62	ug/l	99
45) 1,2-Dichloropropane	9.12	63	471050	51.16	ug/l	99
46) Dibromomethane	9.21	93	270655	50.03	ug/l	98
47) Bromodichloromethane	9.40	83	585103	51.64	ug/l	99
48) Methyl methacrylate	9.20	41	304120	52.01	ug/l	99
49) 1,4-Dioxane	9.20	88	82608	1036.30	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1668790	243.72	ug/l	100
52) Toluene	10.16	92	1131146	54.51	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	595585	52.81	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	697578	54.01	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	388765	50.47	ug/l	98
56) Ethyl methacrylate	10.43	69	475522	47.58	ug/l	99
57) 1,3-Dichloropropane	10.71	76	658765	51.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1038009	238.03	ug/l	100
59) 2-Hexanone	10.75	43	1118161	245.31	ug/l	100
60) Dibromochloromethane	10.90	129	448211	51.97	ug/l	99
61) 1,2-Dibromoethane	11.00	107	387130	51.98	ug/l	99
64) Tetrachloroethene	10.63	164	441210	50.89	ug/l	99
65) Chlorobenzene	11.43	112	1223114	51.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	448069	51.33	ug/l	99
67) Ethyl Benzene	11.51	91	2115679	54.55	ug/l	100
68) m/p-Xylenes	11.62	106	1632404	110.88	ug/l	99
69) o-Xylene	11.95	106	777559	54.94	ug/l	99
70) Styrene	11.96	104	1249019	50.07	ug/l	99
71) Bromoform	12.13	173	306042	50.98	ug/l #	99
73) Isopropylbenzene	12.25	105	2070505	52.84	ug/l	100
74) N-amyl acetate	12.07	43	504519	51.24	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	473520	50.71	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	373559m	45.07	ug/l	
77) Bromobenzene	12.53	156	522374	49.05	ug/l	98
78) n-propylbenzene	12.59	91	2391382	54.63	ug/l	100
79) 2-Chlorotoluene	12.67	91	1403282	51.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1705280	53.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124659	50.84	ug/l	100
82) 4-Chlorotoluene	12.77	91	1423617	52.89	ug/l	100
83) tert-Butylbenzene	12.99	119	1454213	53.11	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1717277	53.99	ug/l	99
85) sec-Butylbenzene	13.17	105	1941442	54.11	ug/l	100
86) p-Isopropyltoluene	13.29	119	1711080	55.96	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	917232	50.75	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	880578	49.51	ug/l	99
89) n-Butylbenzene	13.62	91	1389526	56.82	ug/l	100
90) Hexachloroethane	13.87	117	305041	52.34	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	862167	49.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64776	46.03	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	434266	48.05	ug/l	99
94) Hexachlorobutadiene	15.01	225	274070	53.09	ug/l	99
95) Naphthalene	15.13	128	823984	44.27	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	412309	48.59	ug/l	100

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

