

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049774.D
 Acq On : 12 Jul 2018 15:06
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071218

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:14 PM

Quant Time: Jul 13 02:34:58 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	7.66	168	1462754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2125586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1930169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1020963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	782216	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	7.59	113	757850	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.09	98	2527651	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
62) 4-Bromofluorobenzene	12.40	95	949791	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	600310	47.31	ug/l	95
3) Chloromethane	2.06	50	787758	46.88	ug/l	99
4) Vinyl Chloride	2.19	62	883234	47.57	ug/l	100
5) Bromomethane	2.56	94	579867	50.44	ug/l	98
6) Chloroethane	2.70	64	561789	43.18	ug/l	100
7) Trichlorofluoromethane	3.01	101	1225577	44.19	ug/l	99
8) Diethyl Ether	3.41	74	444754	44.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	781423	43.41	ug/l	99
10) Methyl Iodide	3.95	142	1045153	45.68	ug/l	100
11) Tert butyl alcohol	4.79	59	254035	223.06	ug/l	100
12) 1,1-Dichloroethene	3.73	96	705253	44.59	ug/l	99
13) Acrolein	3.61	56	224831	224.77	ug/l	99
14) Allyl chloride	4.32	41	1169020	45.29	ug/l	98
15) Acrylonitrile	4.99	53	1257947	220.56	ug/l	98
16) Acetone	3.82	43	942608	224.87	ug/l	100
17) Carbon Disulfide	4.05	76	1920017	47.36	ug/l	100
18) Methyl Acetate	4.33	43	641549	45.07	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2043777	46.58	ug/l	97
20) Methylene Chloride	4.55	84	821679	47.01	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	770881	44.59	ug/l	97
22) Diisopropyl ether	5.95	45	2518785	47.50	ug/l	97
23) Vinyl Acetate	5.90	43	8430570	237.25	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1473126	44.22	ug/l	99
25) 2-Butanone	6.84	43	1444771	217.88	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1264104	45.72	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	902751	45.65	ug/l	98
28) Bromochloromethane	7.19	49	694634	45.85	ug/l	99
29) Tetrahydrofuran	7.21	42	929388	223.20	ug/l	100
30) Chloroform	7.37	83	1511772	44.04	ug/l	98
31) Cyclohexane	7.65	56	1245560	46.96	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1306467	44.82	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1131875	46.21	ug/l	100
37) Ethyl Acetate	6.93	43	649301	44.78	ug/l	99
38) Carbon Tetrachloride	7.77	117	1147749	44.82	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1227637	47.55	ug/l	98
40) Benzene	8.04	78	3360949	45.87	ug/l	100
41) Methacrylonitrile	7.17	41	335948	40.96	ug/l	92
42) 1,2-Dichloroethane	8.12	62	1062139	44.31	ug/l	100
43) Isopropyl Acetate	8.17	43	1208465	46.37	ug/l	97
44) Trichloroethene	8.83	130	899137	45.57	ug/l	99
45) 1,2-Dichloropropane	9.12	63	890609	45.23	ug/l	99
46) Dibromomethane	9.21	93	517010	44.20	ug/l	99
47) Bromodichloromethane	9.40	83	1164745	45.22	ug/l	99
48) Methyl methacrylate	9.20	41	613847	47.11	ug/l	97
49) 1,4-Dioxane	9.20	88	154319	903.88	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3244379	229.29	ug/l	99
52) Toluene	10.16	92	2101405	47.92	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1187826	47.95	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1373204	48.67	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	766408	46.14	ug/l	99
56) Ethyl methacrylate	10.43	69	965104	48.75	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1271384	45.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2428182	255.77	ug/l	100
59) 2-Hexanone	10.75	43	2202054	234.09	ug/l	100
60) Dibromochloromethane	10.90	129	877346	45.67	ug/l	98
61) 1,2-Dibromoethane	11.01	107	739143	46.31	ug/l	100
64) Tetrachloroethene	10.63	164	796594	45.45	ug/l	98
65) Chlorobenzene	11.43	112	2325960	46.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	871756	46.08	ug/l	99
67) Ethyl Benzene	11.51	91	4037286	49.03	ug/l	100
68) m/p-Xylenes	11.62	106	3086588	99.87	ug/l	99
69) o-Xylene	11.95	106	1480480	49.59	ug/l	98
70) Styrene	11.96	104	2480506	52.30	ug/l	99
71) Bromoform	12.13	173	596676	46.68	ug/l #	100
73) Isopropylbenzene	12.25	105	4034126	47.55	ug/l	100
74) N-amyl acetate	12.07	43	1060915	48.06	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	922287	47.05	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	764087m	42.13	ug/l	
77) Bromobenzene	12.53	156	1018072	45.23	ug/l	100
78) n-propylbenzene	12.59	91	4650525	48.61	ug/l	99
79) 2-Chlorotoluene	12.68	91	2720672	46.47	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3260754	48.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	266152	47.39	ug/l	98
82) 4-Chlorotoluene	12.77	91	2801210	48.24	ug/l	100
83) tert-Butylbenzene	12.99	119	2888625	47.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3354892	49.61	ug/l	99
85) sec-Butylbenzene	13.17	105	3906323	49.40	ug/l	100
86) p-Isopropyltoluene	13.29	119	3382921	50.56	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1827462	46.83	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1792749	47.25	ug/l	100
89) n-Butylbenzene	13.62	91	2869644	51.95	ug/l	99
90) Hexachloroethane	13.88	117	630926	48.71	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1738821	45.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	132257	44.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	956300	45.95	ug/l	99
94) Hexachlorobutadiene	15.01	225	595302	51.09	ug/l	99
95) Naphthalene	15.14	128	1973441	44.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	934880	50.61	ug/l	99

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

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