

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052144.D
 Acq On : 5 Nov 2018 13:09
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Quant Time: Nov 05 22:19:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	358207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	628311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	23015	5.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.84%	
35) Dibromofluoromethane	7.59	113	19259	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
50) Toluene-d8	10.09	98	75277	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.40	95	22019	4.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.90%	

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Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	14654	4.691	ug/l 90
3) Chloromethane	2.06	50	20809	4.936	ug/l 100
4) Vinyl Chloride	2.19	62	20544	5.088	ug/l 99
5) Bromomethane	2.57	94	16050	5.317	ug/l 86
6) Chloroethane	2.71	64	13560	5.252	ug/l 93
7) Trichlorofluoromethane	3.02	101	30869	5.263	ug/l 97
8) Diethyl Ether	3.41	74	10468	5.108	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	19205	5.479	ug/l # 82
10) Methyl Iodide	3.96	142	22362	4.519	ug/l 98
11) Tert butyl alcohol	4.77	59	4706m	25.462	ug/l
12) 1,1-Dichloroethene	3.74	96	16812	5.095	ug/l 95
13) Acrolein	3.60	56	3558	21.412	ug/l # 48
14) Allyl chloride	4.33	41	25848	4.693	ug/l 93
15) Acrylonitrile	4.99	53	30257m	24.885	ug/l
16) Acetone	3.82	43	23923	24.859	ug/l 94
17) Carbon Disulfide	4.06	76	44288	4.703	ug/l 99
18) Methyl Acetate	4.33	43	16075	5.398	ug/l # 88
19) Methyl tert-butyl Ether	5.04	73	45304	4.984	ug/l 95
20) Methylene Chloride	4.55	84	21120	5.282	ug/l 92
21) trans-1,2-Dichloroethene	5.05	96	18029	5.254	ug/l 95
22) Diisopropyl ether	5.95	45	60540	4.986	ug/l 91
23) Vinyl Acetate	5.89	43	186678	23.375	ug/l 99
24) 1,1-Dichloroethane	5.85	63	35778m	5.209	ug/l
25) 2-Butanone	6.83	43	39551	26.505	ug/l 93
26) 2,2-Dichloropropane	6.83	77	27005	5.027	ug/l # 74
27) cis-1,2-Dichloroethene	6.83	96	20573	4.942	ug/l 96
28) Bromochloromethane	7.20	49	15522	4.774	ug/l 97
29) Tetrahydrofuran	7.21	42	21850	23.665	ug/l # 81
30) Chloroform	7.37	83	34754	5.081	ug/l 97
31) Cyclohexane	7.66	56	37585	4.847	ug/l # 82
32) 1,1,1-Trichloroethane	7.58	97	29871	4.923	ug/l 97
36) 1,1-Dichloropropene	7.80	75	26488	4.766	ug/l 96
37) Ethyl Acetate	6.93	43	14083	4.024	ug/l # 80
38) Carbon Tetrachloride	7.78	117	24828	4.471	ug/l # 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	30738	4.669	ug/l	92
40) Benzene	8.04	78	80839	4.947	ug/l	97
41) Methacrylonitrile	7.18	41	8870	4.931	ug/l #	71
42) 1,2-Dichloroethane	8.12	62	24576	4.679	ug/l	99
43) Isopropyl Acetate	8.16	43	28674	4.521	ug/l #	83
44) Trichloroethene	8.84	130	19365	4.476	ug/l	87 MMDadoda
45) 1,2-Dichloropropane	9.12	63	20954	4.842	ug/l	95
46) Dibromomethane	9.20	93	13114	4.765	ug/l	95
47) Bromodichloromethane	9.40	83	25581	4.766	ug/l	99
48) Methyl methacrylate	9.20	41	14502	4.751	ug/l	97
49) 1,4-Dioxane	9.21	88	2232	90.600	ug/l #	21 11/6/2018 9:59:44 AM
51) 4-Methyl-2-Pentanone	9.98	43	78998	23.578	ug/l	99
52) Toluene	10.16	92	45470	4.615	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	22182	4.213	ug/l	93
54) cis-1,3-Dichloropropene	9.84	75	27551	4.472	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	16335	4.702	ug/l #	87
56) Ethyl methacrylate	10.43	69	20662	4.563	ug/l	99
57) 1,3-Dichloropropane	10.71	76	29036	4.744	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	46461	19.066	ug/l	97
59) 2-Hexanone	10.75	43	55609	23.842	ug/l	99
60) Dibromochloromethane	10.90	129	17271	4.372	ug/l	91
61) 1,2-Dibromoethane	11.00	107	16656	4.723	ug/l	91
64) Tetrachloroethene	10.63	164	16703	4.702	ug/l	96
65) Chlorobenzene	11.43	112	52235	4.674	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	16483	4.392	ug/l	95
67) Ethyl Benzene	11.51	91	87819	4.731	ug/l	96
68) m/p-Xylenes	11.62	106	64094	8.949	ug/l	91
69) o-Xylene	11.95	106	32290	4.649	ug/l	99
70) Styrene	11.96	104	49528	4.504	ug/l	100
71) Bromoform	12.12	173	9039	4.159	ug/l #	90
73) Isopropylbenzene	12.25	105	82203	5.144	ug/l	99
74) N-amyl acetate	12.07	43	23290	4.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	18218	5.208	ug/l	90
76) 1,2,3-Trichloropropane	12.55	75	15601m	5.529	ug/l	
77) Bromobenzene	12.52	156	18331	4.810	ug/l	89
78) n-propylbenzene	12.59	91	92407	5.059	ug/l	97
79) 2-Chlorotoluene	12.67	91	57588	5.377	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	65827	5.089	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	3832	4.125	ug/l	90
82) 4-Chlorotoluene	12.77	91	55733	5.177	ug/l	95
83) tert-Butylbenzene	12.99	119	58837	5.151	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	65160	5.060	ug/l	98
85) sec-Butylbenzene	13.17	105	78287	5.069	ug/l	97
86) p-Isopropyltoluene	13.29	119	62432	4.802	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	33167	4.925	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	33034	4.907	ug/l	88
89) n-Butylbenzene	13.61	91	52970	4.705	ug/l	97
90) Hexachloroethane	13.87	117	11040	5.039	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	31196	4.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2344	5.076	ug/l	89

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93) 1,2,4-Trichlorobenzene	14.91	180	11228	3.822	ug/l	99
94) Hexachlorobutadiene	15.01	225	7683	4.499	ug/l	95
95) Naphthalene	15.13	128	26212	4.050	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	9996	3.840	ug/l	90

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

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