

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050279.D
 Acq On : 2 Aug 2018 21:59
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:36:48 AM

Quant Time: Aug 03 02:08:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	820977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	433121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	414924	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.59	113	370595	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.09	98	1349864	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	460444	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	395010	45.616	ug/l	99
3) Chloromethane	2.06	50	385919	40.999	ug/l	100
4) Vinyl Chloride	2.18	62	427667	43.144	ug/l	99
5) Bromomethane	2.55	94	159178	28.487	ug/l	99
6) Chloroethane	2.69	64	256245	43.044	ug/l	99
7) Trichlorofluoromethane	3.01	101	582137	45.334	ug/l	99
8) Diethyl Ether	3.41	74	210156	49.091	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	356782	46.204	ug/l	100
10) Methyl Iodide	3.95	142	270927	27.336	ug/l	100
11) Tert butyl alcohol	4.81	59	180054	291.021	ug/l	99
12) 1,1-Dichloroethene	3.73	96	318316	45.826	ug/l	98
13) Acrolein	3.61	56	210001	422.460	ug/l	97
14) Allyl chloride	4.32	41	520038	48.282	ug/l	97
15) Acrylonitrile	5.00	53	748498	277.294	ug/l	99
16) Acetone	3.82	43	550253	278.306	ug/l	99
17) Carbon Disulfide	4.05	76	833572	39.172	ug/l	100
18) Methyl Acetate	4.33	43	528333	69.207	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	994458	53.723	ug/l	100
20) Methylene Chloride	4.55	84	379168	50.880	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	341231	46.361	ug/l	100
22) Diisopropyl ether	5.96	45	1160357	54.333	ug/l	100
23) Vinyl Acetate	5.90	43	3912292	259.225	ug/l	100
24) 1,1-Dichloroethane	5.85	63	680253	48.711	ug/l	100
25) 2-Butanone	6.84	43	905334	282.273	ug/l	100
26) 2,2-Dichloropropane	6.83	77	432739	40.732	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	397374	50.153	ug/l	98
28) Bromochloromethane	7.20	49	329510	51.731	ug/l	99
29) Tetrahydrofuran	7.22	42	594054	286.632	ug/l	100
30) Chloroform	7.37	83	697174	48.921	ug/l	98
31) Cyclohexane	7.66	56	534792	46.171	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	591610	48.532	ug/l	100
36) 1,1-Dichloropropene	7.80	75	492045	48.972	ug/l	99
37) Ethyl Acetate	6.94	43	378524	54.034	ug/l	100
38) Carbon Tetrachloride	7.77	117	518202	48.606	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	498735	48.251	ug/l	99
40) Benzene	8.04	78	1538926	50.334	ug/l	98
41) Methacrylonitrile	7.18	41	182123	49.921	ug/l #	86
42) 1,2-Dichloroethane	8.13	62	509142	49.916	ug/l	100
43) Isopropyl Acetate	8.17	43	738007	56.043	ug/l	98
44) Trichloroethene	8.84	130	390456	47.526	ug/l	99
45) 1,2-Dichloropropane	9.12	63	418481	51.676	ug/l	98
46) Dibromomethane	9.21	93	257194	51.148	ug/l	99
47) Bromodichloromethane	9.41	83	544625	51.318	ug/l	98
48) Methyl methacrylate	9.20	41	347742	57.639	ug/l	99
49) 1,4-Dioxane	9.20	88	101555	1236.904	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2064127	299.735	ug/l	100
52) Toluene	10.16	92	943171	52.260	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	527231	52.647	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	590895	51.628	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	381863	53.343	ug/l	99
56) Ethyl methacrylate	10.43	69	499686	51.467	ug/l	99
57) 1,3-Dichloropropane	10.71	76	627360	53.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1054284	233.298	ug/l	100
59) 2-Hexanone	10.75	43	1404686	277.019	ug/l	99
60) Dibromochloromethane	10.90	129	427989	54.000	ug/l	99
61) 1,2-Dibromoethane	11.01	107	375267	52.835	ug/l	98
64) Tetrachloroethene	10.63	164	362269	45.897	ug/l	99
65) Chlorobenzene	11.44	112	1025733	49.462	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	406292	50.990	ug/l	99
67) Ethyl Benzene	11.51	91	1767364	53.054	ug/l	100
68) m/p-Xylenes	11.62	106	1366230	108.429	ug/l	100
69) o-Xylene	11.95	106	652177	54.295	ug/l	100
70) Styrene	11.97	104	1079995	50.545	ug/l	100
71) Bromoform	12.13	173	314757	54.304	ug/l #	100
73) Isopropylbenzene	12.25	105	1761445	52.438	ug/l	99
74) N-amyl acetate	12.07	43	562829	54.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	519190	58.158	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	434685m	54.003	ug/l	
77) Bromobenzene	12.53	156	456144	48.995	ug/l	98
78) n-propylbenzene	12.59	91	2009184	53.513	ug/l	100
79) 2-Chlorotoluene	12.68	91	1208428	51.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1442029	54.576	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	135139	53.252	ug/l	100
82) 4-Chlorotoluene	12.78	91	1209260	52.473	ug/l	99
83) tert-Butylbenzene	12.99	119	1242873	53.901	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1468009	55.122	ug/l	100
85) sec-Butylbenzene	13.17	105	1655624	53.738	ug/l	100
86) p-Isopropyltoluene	13.29	119	1442801	55.576	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	798600	50.601	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	776101	50.453	ug/l	99
89) n-Butylbenzene	13.62	91	1136943	53.258	ug/l	100
90) Hexachloroethane	13.88	117	277068	48.065	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	800240	50.723	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82719	55.355	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	389022	46.711	ug/l	98
94) Hexachlorobutadiene	15.01	225	233063	48.255	ug/l	100
95) Naphthalene	15.14	128	921066	46.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	399439	49.058	ug/l	100

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

