

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052175.D
 Acq On : 6 Nov 2018 3:55
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 10:00:52 AM

Quant Time: Nov 06 06:44:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	352942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	625084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	263519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	227603	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.59	113	202785	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.09	98	790794	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.40	95	266605	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	156368	50.807	ug/l	97
3) Chloromethane	2.06	50	216222	52.051	ug/l	98
4) Vinyl Chloride	2.19	62	210498	52.907	ug/l	98
5) Bromomethane	2.57	94	139859	47.021	ug/l	96
6) Chloroethane	2.71	64	133212	52.365	ug/l	98
7) Trichlorofluoromethane	3.02	101	293227	50.737	ug/l	99
8) Diethyl Ether	3.41	74	105114	52.060	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	169090	48.961	ug/l	98
10) Methyl Iodide	3.96	142	246252	50.503	ug/l	99
11) Tert butyl alcohol	4.78	59	55283	303.861	ug/l	96
12) 1,1-Dichloroethene	3.74	96	164732	50.665	ug/l	99
13) Acrolein	3.61	56	46965	255.800	ug/l	98
14) Allyl chloride	4.33	41	268228	49.428	ug/l	93
15) Acrylonitrile	4.99	53	345069	289.714	ug/l	98
16) Acetone	3.82	43	226929	239.327	ug/l	95
17) Carbon Disulfide	4.06	76	466890	50.321	ug/l	98
18) Methyl Acetate	4.33	43	159156	52.820	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	493102	55.107	ug/l	95
20) Methylene Chloride	4.55	84	194740	49.429	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	182236	50.554	ug/l	97
22) Diisopropyl ether	5.95	45	648540	54.479	ug/l	98
23) Vinyl Acetate	5.90	43	2264114	287.735	ug/l	100
24) 1,1-Dichloroethane	5.85	63	357472	52.854	ug/l	99
25) 2-Butanone	6.84	43	395445	268.955	ug/l	100
26) 2,2-Dichloropropane	6.83	77	217685	41.125	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	218205	53.197	ug/l	97
28) Bromochloromethane	7.20	49	171419	53.569	ug/l	99
29) Tetrahydrofuran	7.21	42	271910	298.896	ug/l	98
30) Chloroform	7.37	83	366915	54.443	ug/l	98
31) Cyclohexane	7.66	56	323073	51.845	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	311168	52.410	ug/l	98
36) 1,1-Dichloropropene	7.80	75	270856	48.982	ug/l	99
37) Ethyl Acetate	6.93	43	188475	55.338	ug/l	98
38) Carbon Tetrachloride	7.78	117	276870	50.081	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	323602	49.413	ug/l	98
40) Benzene	8.04	78	824091	50.696	ug/l	99
41) Methacrylonitrile	7.17	41	79978	42.098	ug/l #	86
42) 1,2-Dichloroethane	8.12	62	269662	51.603	ug/l	99
43) Isopropyl Acetate	8.17	43	345058	54.689	ug/l #	89
44) Trichloroethene	8.84	130	217246	50.478	ug/l	98
45) 1,2-Dichloropropane	9.12	63	222227	51.621	ug/l	98
46) Dibromomethane	9.21	93	137509	50.225	ug/l	97
47) Bromodichloromethane	9.40	83	283057	53.012	ug/l	99
48) Methyl methacrylate	9.20	41	167710	55.228	ug/l	98
49) 1,4-Dioxane	9.20	88	29662	1153.162	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	950844	285.258	ug/l	100
52) Toluene	10.16	92	512231	52.255	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	270012	51.548	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	317094	51.733	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	189614	54.864	ug/l	99
56) Ethyl methacrylate	10.43	69	246878	54.803	ug/l	99
57) 1,3-Dichloropropane	10.71	76	323629	53.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	698884	288.274	ug/l	100
59) 2-Hexanone	10.75	43	638880	275.335	ug/l	99
60) Dibromochloromethane	10.90	129	208000	52.922	ug/l	99
61) 1,2-Dibromoethane	11.01	107	195299	55.668	ug/l	99
64) Tetrachloroethene	10.63	164	194832	52.589	ug/l	97
65) Chlorobenzene	11.43	112	585808	50.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	205468	52.491	ug/l	97
67) Ethyl Benzene	11.51	91	986108	50.937	ug/l	98
68) m/p-Xylenes	11.62	106	767999	102.812	ug/l	100
69) o-Xylene	11.95	106	376605	51.986	ug/l	99
70) Styrene	11.96	104	601859	52.481	ug/l	99
71) Bromoform	12.13	173	125710	48.267	ug/l #	100
73) Isopropylbenzene	12.25	105	982738	49.323	ug/l	99
74) N-amyl acetate	12.07	43	324036	54.805	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	228311	52.349	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	204245m	49.250	ug/l	
77) Bromobenzene	12.53	156	235407	49.546	ug/l	97
78) n-propylbenzene	12.59	91	1126680	49.479	ug/l	100
79) 2-Chlorotoluene	12.67	91	644151	48.240	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	789161	48.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59189	51.105	ug/l	98
82) 4-Chlorotoluene	12.77	91	658298	49.050	ug/l	100
83) tert-Butylbenzene	12.99	119	692582	48.633	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	795991	49.581	ug/l	99
85) sec-Butylbenzene	13.17	105	942235	48.931	ug/l	100
86) p-Isopropyltoluene	13.29	119	802736	49.527	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	414398	49.355	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	416297	49.604	ug/l	99
89) n-Butylbenzene	13.61	91	675754	48.150	ug/l	98
90) Hexachloroethane	13.87	117	140518	51.442	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	407990	51.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32686	56.775	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171945	46.435	ug/l	100
94) Hexachlorobutadiene	15.01	225	85360	46.071	ug/l	99
95) Naphthalene	15.13	128	436212	54.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	161766	50.528	ug/l	98

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

