

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053815.D
 Acq On : 15 Feb 2019 22:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 9:48:45 AM

Quant Time: Feb 16 00:23:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	951094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	408152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	316877	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	309534	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.09	98	1121686	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	380249	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	295323	42.942	ug/l	100
3) Chloromethane	2.06	50	346574	47.801	ug/l	99
4) Vinyl Chloride	2.19	62	354611	50.384	ug/l	100
5) Bromomethane	2.57	94	244700	53.173	ug/l	97
6) Chloroethane	2.71	64	222323	55.277	ug/l	97
7) Trichlorofluoromethane	3.02	101	494409	51.801	ug/l	99
8) Diethyl Ether	3.41	74	170690	48.969	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	284416	48.184	ug/l	97
10) Methyl Iodide	3.96	142	425092	45.883	ug/l	100
11) Tert butyl alcohol	4.77	59	96761	266.863	ug/l	98
12) 1,1-Dichloroethene	3.74	96	267933	47.377	ug/l	98
13) Acrolein	3.61	56	45190	228.911	ug/l	100
14) Allyl chloride	4.33	41	427584	47.486	ug/l	98
15) Acrylonitrile	4.99	53	522745	267.057	ug/l	99
16) Acetone	3.81	43	337865	214.997	ug/l	97
17) Carbon Disulfide	4.06	76	711576	40.409	ug/l	100
18) Methyl Acetate	4.33	43	269040	57.808	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	767732	53.551	ug/l	99
20) Methylene Chloride	4.55	84	313978	47.623	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	289359	47.426	ug/l	98
22) Diisopropyl ether	5.95	45	867162	51.974	ug/l	95
23) Vinyl Acetate	5.90	43	2919975	252.984	ug/l	98
24) 1,1-Dichloroethane	5.85	63	549221	49.353	ug/l	100
25) 2-Butanone	6.83	43	550447	245.594	ug/l	98
26) 2,2-Dichloropropane	6.83	77	377348	44.420	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	338981	49.964	ug/l	97
28) Bromochloromethane	7.19	49	248923	51.544	ug/l	94
29) Tetrahydrofuran	7.21	42	380050	264.071	ug/l	98
30) Chloroform	7.37	83	555253	50.333	ug/l	100
31) Cyclohexane	7.65	56	462870	44.656	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	463034	50.436	ug/l	100
36) 1,1-Dichloropropene	7.79	75	397336	46.345	ug/l	98
37) Ethyl Acetate	6.93	43	248125	51.819	ug/l	98
38) Carbon Tetrachloride	7.78	117	415841	48.147	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	464468	45.663	ug/l	98
40) Benzene	8.04	78	1254739	47.459	ug/l	100
41) Methacrylonitrile	7.17	41	135047	50.462	ug/l	91
42) 1,2-Dichloroethane	8.12	62	379995	48.406	ug/l	99
43) Isopropyl Acetate	8.16	43	448820	48.535	ug/l	99
44) Trichloroethene	8.84	130	346242	46.001	ug/l	97
45) 1,2-Dichloropropane	9.12	63	343480	50.794	ug/l	99
46) Dibromomethane	9.21	93	199519	48.945	ug/l	97
47) Bromodichloromethane	9.40	83	425195	50.167	ug/l	98
48) Methyl methacrylate	9.20	41	211062	47.815	ug/l	92
49) 1,4-Dioxane	9.20	88	63342	990.703	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	1201671	264.443	ug/l	100
52) Toluene	10.16	92	760382	48.459	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	413265	48.693	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	487081	48.432	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	288088	50.951	ug/l	98
56) Ethyl methacrylate	10.43	69	351169	52.501	ug/l	99
57) 1,3-Dichloropropane	10.71	76	480883	49.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	781849	190.447	ug/l	98
59) 2-Hexanone	10.75	43	751214	243.514	ug/l	99
60) Dibromochloromethane	10.90	129	339273	53.210	ug/l	100
61) 1,2-Dibromoethane	11.01	107	271615	48.535	ug/l	99
64) Tetrachloroethene	10.63	164	338108	46.968	ug/l	98
65) Chlorobenzene	11.44	112	846109	47.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	318700	51.158	ug/l	100
67) Ethyl Benzene	11.51	91	1406872	48.013	ug/l	99
68) m/p-Xylenes	11.62	106	1095243	97.934	ug/l	99
69) o-Xylene	11.95	106	535151	49.531	ug/l	99
70) Styrene	11.97	104	869196	49.635	ug/l	99
71) Bromoform	12.13	173	230387	53.943	ug/l #	99
73) Isopropylbenzene	12.25	105	1403767	48.924	ug/l	100
74) N-amyl acetate	12.07	43	344374	49.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	338018	49.225	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	298296m	56.900	ug/l	
77) Bromobenzene	12.53	156	375891	48.610	ug/l	97
78) n-propylbenzene	12.59	91	1605395	48.401	ug/l	100
79) 2-Chlorotoluene	12.68	91	955583	48.560	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1199507	50.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	87041	46.687	ug/l	98
82) 4-Chlorotoluene	12.77	91	969885	48.031	ug/l	100
83) tert-Butylbenzene	12.99	119	1065524	50.670	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1211063	49.960	ug/l	100
85) sec-Butylbenzene	13.17	105	1434947	50.144	ug/l	99
86) p-Isopropyltoluene	13.29	119	1264194	50.512	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	660730	47.531	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	646918	47.046	ug/l	99
89) n-Butylbenzene	13.62	91	1039883	48.003	ug/l	100
90) Hexachloroethane	13.88	117	218175	52.850	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	653116	49.077	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50757	51.865	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	379576	49.731	ug/l	99
94) Hexachlorobutadiene	15.01	225	249229	52.433	ug/l	100
95) Naphthalene	15.13	128	783221	43.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	366489	51.749	ug/l	99

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

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