

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110618\
 Data File : VN052177.D
 Acq On : 6 Nov 2018 8:20
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 5:58:42 PM

Quant Time: Nov 06 16:17:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	391442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	656048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	592123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	273648	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	234782	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.59	113	207777	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.09	98	805220	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.40	95	277371	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	170063	49.822	ug/l	99
3) Chloromethane	2.06	50	224761	48.785	ug/l	100
4) Vinyl Chloride	2.19	62	224106	50.788	ug/l	94
5) Bromomethane	2.57	94	153305	46.472	ug/l	95
6) Chloroethane	2.71	64	141314	50.086	ug/l	93
7) Trichlorofluoromethane	3.02	101	329986	51.482	ug/l	100
8) Diethyl Ether	3.41	74	111214	49.664	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	201173	52.522	ug/l	94
10) Methyl Iodide	3.96	142	265810	49.153	ug/l	98
11) Tert butyl alcohol	4.78	59	52657	260.022	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	180460	50.043	ug/l	91
13) Acrolein	3.61	56	48663	241.321	ug/l	99
14) Allyl chloride	4.33	41	301178	50.042	ug/l	93
15) Acrylonitrile	4.99	53	333673	251.128	ug/l	100
16) Acetone	3.81	43	292601	278.237	ug/l	99
17) Carbon Disulfide	4.06	76	532769	51.773	ug/l	98
18) Methyl Acetate	4.32	43	154895	47.593	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	514099	51.753	ug/l	96
20) Methylene Chloride	4.55	84	209500	47.945	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	206182	54.980	ug/l	94
22) Diisopropyl ether	5.95	45	695451	52.415	ug/l	96
23) Vinyl Acetate	5.90	43	2395755	274.520	ug/l	99
24) 1,1-Dichloroethane	5.85	63	385313	51.336	ug/l	97
25) 2-Butanone	6.83	43	425298	260.809	ug/l	99
26) 2,2-Dichloropropane	6.82	77	316863	53.975	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	238221	52.365	ug/l	93
28) Bromochloromethane	7.19	49	192978	54.308	ug/l	88
29) Tetrahydrofuran	7.21	42	262186	259.860	ug/l	99
30) Chloroform	7.37	83	401266	53.683	ug/l	96
31) Cyclohexane	7.65	56	373651	54.188	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	336521	50.755	ug/l	96
36) 1,1-Dichloropropene	7.79	75	305588	52.655	ug/l	96
37) Ethyl Acetate	6.92	43	185591	50.786	ug/l	95
38) Carbon Tetrachloride	7.78	117	302965	52.252	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	382140	55.597	ug/l	96
40) Benzene	8.04	78	897840	52.626	ug/l	98
41) Methacrylonitrile	7.18	41	104297	55.524	ug/l #	92
42) 1,2-Dichloroethane	8.12	62	286625	52.261	ug/l	98
43) Isopropyl Acetate	8.16	43	336133	50.760	ug/l	99
44) Trichloroethene	8.84	130	238290	52.755	ug/l	84
45) 1,2-Dichloropropane	9.12	63	240153	53.152	ug/l	100
46) Dibromomethane	9.21	93	148612	51.719	ug/l #	90
47) Bromodichloromethane	9.40	83	303265	54.116	ug/l #	94
48) Methyl methacrylate	9.20	41	171995	53.966	ug/l	99
49) 1,4-Dioxane	9.20	88	30058	1112.430	ug/l	91
51) 4-Methyl-2-Pentanone	9.98	43	917742	262.332	ug/l	99
52) Toluene	10.16	92	558932	54.328	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	311285	56.623	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	352298	54.764	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	195243	53.827	ug/l	96
56) Ethyl methacrylate	10.43	69	257693	54.504	ug/l	97
57) 1,3-Dichloropropane	10.71	76	336430	52.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	708241	278.345	ug/l	93
59) 2-Hexanone	10.75	43	670317	275.249	ug/l	100
60) Dibromochloromethane	10.90	129	221783	53.766	ug/l	98
61) 1,2-Dibromoethane	11.00	107	197774	53.713	ug/l	98
64) Tetrachloroethene	10.63	164	210443	54.858	ug/l	94
65) Chlorobenzene	11.43	112	627869	52.023	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	219118	54.062	ug/l	98
67) Ethyl Benzene	11.51	91	1079108	53.833	ug/l	96
68) m/p-Xylenes	11.62	106	838789	108.444	ug/l	92
69) o-Xylene	11.95	106	404031	53.863	ug/l	92
70) Styrene	11.96	104	646065	54.407	ug/l	97
71) Bromoform	12.13	173	130774	48.479	ug/l #	98
73) Isopropylbenzene	12.25	105	1065807	51.512	ug/l	97
74) N-amyl acetate	12.07	43	313117	51.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	226864	50.092	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	199667m	55.203	ug/l	
77) Bromobenzene	12.53	156	249044	50.476	ug/l	77
78) n-propylbenzene	12.59	91	1252408	52.965	ug/l	96
79) 2-Chlorotoluene	12.67	91	694876	50.113	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	871500	52.037	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	66951	55.667	ug/l	96
82) 4-Chlorotoluene	12.77	91	723351	51.902	ug/l	93
83) tert-Butylbenzene	12.99	119	761646	51.503	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	875160	52.495	ug/l	95
85) sec-Butylbenzene	13.17	105	1055382	52.778	ug/l	96
86) p-Isopropyltoluene	13.29	119	899433	53.439	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	460693	52.838	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	460215	52.808	ug/l	95
89) n-Butylbenzene	13.62	91	788919	54.132	ug/l	96
90) Hexachloroethane	13.87	117	154017	54.297	ug/l	84
91) 1,2-Dichlorobenzene	13.65	146	423110	51.709	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32883	55.003	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	194756	50.446	ug/l	96
94) Hexachlorobutadiene	15.01	225	100224	52.136	ug/l	98
95) Naphthalene	15.13	128	431126	51.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	169433	50.948	ug/l	98

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

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