

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053769.D
 Acq On : 14 Feb 2019 10:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/15/2019 10:19:44 AM

Quant Time: Feb 15 01:17:38 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	743356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	375800	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	362145	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	10.09	98	1354220	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.40	95	452220	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	350307	41.856	ug/l	99
3) Chloromethane	2.06	50	375326	42.529	ug/l	100
4) Vinyl Chloride	2.19	62	406339	47.431	ug/l	100
5) Bromomethane	2.57	94	284460	50.783	ug/l	97
6) Chloroethane	2.71	64	260298	53.170	ug/l	97
7) Trichlorofluoromethane	3.02	101	577780	49.734	ug/l	100
8) Diethyl Ether	3.41	74	205152	48.354	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	367122	51.097	ug/l	98
10) Methyl Iodide	3.96	142	522591	46.341	ug/l	99
11) Tert butyl alcohol	4.78	59	108046	244.813	ug/l	100
12) 1,1-Dichloroethene	3.74	96	328604	47.737	ug/l	97
13) Acrolein	3.61	56	55225	229.825	ug/l	100
14) Allyl chloride	4.33	41	514030	46.899	ug/l	99
15) Acrylonitrile	4.99	53	619839	260.154	ug/l	99
16) Acetone	3.81	43	609201	318.484	ug/l	99
17) Carbon Disulfide	4.06	76	919146	42.882	ug/l	99
18) Methyl Acetate	4.32	43	308961	54.540	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	888010	50.888	ug/l	99
20) Methylene Chloride	4.55	84	384304	47.888	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	355257	47.836	ug/l	97
22) Diisopropyl ether	5.95	45	1021102	50.280	ug/l	97
23) Vinyl Acetate	5.90	43	3422899	243.639	ug/l	98
24) 1,1-Dichloroethane	5.85	63	647685	47.815	ug/l	100
25) 2-Butanone	6.83	43	689974	252.914	ug/l	99
26) 2,2-Dichloropropane	6.83	77	468737	45.332	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	376877	45.638	ug/l	97
28) Bromochloromethane	7.19	49	279508	47.550	ug/l	95
29) Tetrahydrofuran	7.21	42	409366	233.684	ug/l	97
30) Chloroform	7.37	83	612241	45.596	ug/l	99
31) Cyclohexane	7.66	56	532180	42.171	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	515101	46.096	ug/l	100
36) 1,1-Dichloropropene	7.79	75	463099	48.871	ug/l	99
37) Ethyl Acetate	6.93	43	273141	51.611	ug/l	98
38) Carbon Tetrachloride	7.77	117	464892	48.700	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	542086	48.219	ug/l	99
40) Benzene	8.04	78	1399203	47.883	ug/l	99
41) Methacrylonitrile	7.17	41	148063	50.057	ug/l	91
42) 1,2-Dichloroethane	8.12	62	418366	48.219	ug/l	99
43) Isopropyl Acetate	8.16	43	477493	46.718	ug/l #	88
44) Trichloroethene	8.83	130	405808	48.780	ug/l	98
45) 1,2-Dichloropropane	9.12	63	368969	49.367	ug/l	99
46) Dibromomethane	9.21	93	219286	48.671	ug/l	97
47) Bromodichloromethane	9.40	83	473048	50.498	ug/l	99
48) Methyl methacrylate	9.20	41	229986	47.140	ug/l	92
49) 1,4-Dioxane	9.20	88	70333	995.107	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1277124	254.283	ug/l	99
52) Toluene	10.16	92	859811	49.578	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	464616	49.531	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	551016	49.571	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	318322	50.937	ug/l	99
56) Ethyl methacrylate	10.43	69	369823	50.024	ug/l	99
57) 1,3-Dichloropropane	10.71	76	529571	49.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	870671	191.825	ug/l	98
59) 2-Hexanone	10.75	43	861097	252.551	ug/l	99
60) Dibromochloromethane	10.90	129	368109	52.235	ug/l	100
61) 1,2-Dibromoethane	11.01	107	303640	49.090	ug/l	100
64) Tetrachloroethene	10.63	164	398145	49.887	ug/l	98
65) Chlorobenzene	11.43	112	950774	48.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	357125	51.708	ug/l	99
67) Ethyl Benzene	11.51	91	1597641	49.180	ug/l	99
68) m/p-Xylenes	11.62	106	1264982	102.026	ug/l	98
69) o-Xylene	11.95	106	605081	50.515	ug/l	100
70) Styrene	11.96	104	987341	50.856	ug/l	100
71) Bromoform	12.13	173	258928	54.684	ug/l #	100
73) Isopropylbenzene	12.25	105	1595784	49.183	ug/l	100
74) N-amyl acetate	12.07	43	374893	48.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	368691	47.481	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	308588m	52.054	ug/l	
77) Bromobenzene	12.53	156	420490	48.087	ug/l	97
78) n-propylbenzene	12.59	91	1860878	49.613	ug/l	100
79) 2-Chlorotoluene	12.68	91	1092876	49.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1400460	52.051	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	98807	46.867	ug/l	98
82) 4-Chlorotoluene	12.77	91	1113742	48.775	ug/l	100
83) tert-Butylbenzene	12.99	119	1209786	50.875	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1412539	51.531	ug/l	99
85) sec-Butylbenzene	13.17	105	1656629	51.195	ug/l	99
86) p-Isopropyltoluene	13.29	119	1479191	52.266	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	762509	48.508	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	746035	47.979	ug/l	100
89) n-Butylbenzene	13.62	91	1258241	51.364	ug/l	100
90) Hexachloroethane	13.88	117	247899	53.104	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	744498	49.472	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53788	48.604	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	424885	49.228	ug/l	99
94) Hexachlorobutadiene	15.01	225	287095	53.413	ug/l	99
95) Naphthalene	15.13	128	811765	40.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	393490	49.135	ug/l	100

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

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