

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053969.D
 Acq On : 26 Feb 2019 21:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 10:50:02 AM

Quant Time: Feb 27 03:38:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	642211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1069480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	430127	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	391249	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.94%		
35) Dibromofluoromethane	7.59	113	348013	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.64%		
50) Toluene-d8	10.09	98	1294170	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.54%		
62) 4-Bromofluorobenzene	12.40	95	433325	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.04%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	298019	50.423	ug/l	99
3) Chloromethane	2.06	50	429292	52.364	ug/l	100
4) Vinyl Chloride	2.19	62	422527	51.438	ug/l	100
5) Bromomethane	2.57	94	253330	46.567	ug/l	100
6) Chloroethane	2.71	64	257688	50.442	ug/l	100
7) Trichlorofluoromethane	3.02	101	521906	49.734	ug/l	100
8) Diethyl Ether	3.41	74	201125	51.156	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.76	101	326439	49.254	ug/l	95
10) Methyl Iodide	3.95	142	492920	56.601	ug/l	98
11) Tert butyl alcohol	4.78	59	121004	253.550	ug/l	100
12) 1,1-Dichloroethene	3.74	96	319309	50.367	ug/l	94
13) Acrolein	3.60	56	140486	284.324	ug/l	97
14) Allyl chloride	4.32	41	588163	52.896	ug/l	95
15) Acrylonitrile	4.98	53	664703	264.266	ug/l	98
16) Acetone	3.81	43	462200	231.014	ug/l	97
17) Carbon Disulfide	4.05	76	988491	48.333	ug/l	98
18) Methyl Acetate	4.32	43	281566	53.489	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	924928	54.386	ug/l	98
20) Methylene Chloride	4.55	84	375997	50.464	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	347206	50.602	ug/l	92
22) Diisopropyl ether	5.95	45	1176404	54.841	ug/l	95
23) Vinyl Acetate	5.89	43	4281412	277.446	ug/l	96
24) 1,1-Dichloroethane	5.85	63	678045	51.544	ug/l	98
25) 2-Butanone	6.83	43	744746	251.950	ug/l	98
26) 2,2-Dichloropropane	6.82	77	444704	47.583	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	397271	52.061	ug/l	95
28) Bromochloromethane	7.19	49	328694	54.589	ug/l	# 81
29) Tetrahydrofuran	7.21	42	524602	266.506	ug/l	92
30) Chloroform	7.37	83	654412	51.304	ug/l	98
31) Cyclohexane	7.65	56	621682	51.655	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	541207	51.459	ug/l	97
36) 1,1-Dichloropropene	7.79	75	508135	51.090	ug/l	96
37) Ethyl Acetate	6.93	43	340435	47.938	ug/l	98
38) Carbon Tetrachloride	7.77	117	476313	46.048	ug/l	100

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39) Methylcyclohexane	9.08	83	573629	47.852	ug/l	96
40) Benzene	8.04	78	1523489	49.862	ug/l	100
41) Methacrylonitrile	7.18	41	203417m	44.484	ug/l	
42) 1,2-Dichloroethane	8.12	62	470891	49.781	ug/l	98
43) Isopropyl Acetate	8.16	43	602131	50.217	ug/l #	90
44) Trichloroethene	8.83	130	400943	49.498	ug/l	97
45) 1,2-Dichloropropane	9.12	63	413376	50.147	ug/l	99
46) Dibromomethane	9.21	93	233254	48.740	ug/l	94
47) Bromodichloromethane	9.40	83	501267	49.702	ug/l	99
48) Methyl methacrylate	9.20	41	292092	52.960	ug/l	94
49) 1,4-Dioxane	9.20	88	72340	968.391	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	1638608	265.940	ug/l	96
52) Toluene	10.16	92	898328	49.932	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	506160	51.580	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	593577	51.310	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	332617	49.504	ug/l	99
56) Ethyl methacrylate	10.43	69	425755	48.392	ug/l	90
57) 1,3-Dichloropropane	10.71	76	575106	50.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	943358	231.083	ug/l	95
59) 2-Hexanone	10.75	43	1043966	260.511	ug/l	93
60) Dibromochloromethane	10.90	129	363414	48.668	ug/l	99
61) 1,2-Dibromoethane	11.00	107	324123	50.008	ug/l	98
64) Tetrachloroethene	10.63	164	377959	47.796	ug/l	98
65) Chlorobenzene	11.43	112	962103	48.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	354425	49.897	ug/l	100
67) Ethyl Benzene	11.51	91	1677066	50.758	ug/l	99
68) m/p-Xylenes	11.62	106	1267576	101.648	ug/l	97
69) o-Xylene	11.95	106	613852	50.098	ug/l	97
70) Styrene	11.96	104	996136	52.856	ug/l	98
71) Bromoform	12.13	173	243610	49.298	ug/l #	100
73) Isopropylbenzene	12.25	105	1624292	48.512	ug/l	99
74) N-amyl acetate	12.07	43	470649	53.631	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	395857	47.279	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	332316m	48.162	ug/l	
77) Bromobenzene	12.53	156	406705	47.842	ug/l	90
78) n-propylbenzene	12.59	91	1893269	49.720	ug/l	98
79) 2-Chlorotoluene	12.67	91	1121461	49.027	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1372457	50.070	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	105811	48.468	ug/l	94
82) 4-Chlorotoluene	12.77	91	1125844	49.799	ug/l	96
83) tert-Butylbenzene	12.99	119	1192948	49.207	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1384727	50.601	ug/l	99
85) sec-Butylbenzene	13.17	105	1622132	48.989	ug/l	98
86) p-Isopropyltoluene	13.29	119	1408568	50.320	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	717373	48.782	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	698140	48.933	ug/l	99
89) n-Butylbenzene	13.62	91	1198990	50.824	ug/l	99
90) Hexachloroethane	13.87	117	249701	46.033	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	700373	49.199	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57281	48.411	ug/l	92

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93) 1,2,4-Trichlorobenzene	14.91	180	367904	46.689	ug/l	98
94) Hexachlorobutadiene	15.01	225	236976	46.084	ug/l	99
95) Naphthalene	15.13	128	762029	45.082	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	358218	47.323	ug/l	99

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

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