

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058273.D
 Acq On : 20 Sep 2019 23:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 3:31:14 PM

Quant Time: Sep 21 05:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	445142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	764973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	711038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	351486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	343892	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
35) Dibromofluoromethane	7.58	113	245325	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.08	98	970680	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.41	95	357837	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	162273	44.376	ug/l	98
3) Chloromethane	2.04	50	140908	49.991	ug/l	100
4) Vinyl Chloride	2.17	62	157434	51.097	ug/l	99
5) Bromomethane	2.54	94	82302	50.435	ug/l	99
6) Chloroethane	2.69	64	103581	52.552	ug/l	96
7) Trichlorofluoromethane	3.00	101	236493	47.381	ug/l	98
8) Diethyl Ether	3.39	74	108779	47.564	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.74	101	169780	47.179	ug/l	99
10) Methyl Iodide	3.93	142	148545	49.261	ug/l	99
11) Tert butyl alcohol	4.76	59	198783	269.536	ug/l	100
12) 1,1-Dichloroethene	3.72	96	138210	50.612	ug/l	94
13) Acrolein	3.59	56	67328	616.022	ug/l	93
14) Allyl chloride	4.30	41	250233	42.495	ug/l	92
15) Acrylonitrile	4.96	53	553569	281.728	ug/l	99
16) Acetone	3.79	43	470290	223.467	ug/l	100
17) Carbon Disulfide	4.03	76	172956	45.020	ug/l	99
18) Methyl Acetate	4.30	43	304014	54.899	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	714908	52.671	ug/l	98
20) Methylene Chloride	4.53	84	197389	53.588	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	149420	50.212	ug/l	99
22) Diisopropyl ether	5.93	45	788406	52.707	ug/l	96
23) Vinyl Acetate	5.87	43	2841497	277.619	ug/l	100
24) 1,1-Dichloroethane	5.83	63	405232	50.759	ug/l	100
25) 2-Butanone	6.81	43	765038	266.829	ug/l	99
26) 2,2-Dichloropropane	6.81	77	263817	38.952	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	227000	50.287	ug/l	99
28) Bromochloromethane	7.18	49	209328	55.426	ug/l	99
29) Tetrahydrofuran	7.19	42	481304	272.526	ug/l	99
30) Chloroform	7.36	83	439828	51.181	ug/l	99
31) Cyclohexane	7.64	56	257137	49.819	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	337252	51.552	ug/l	98
36) 1,1-Dichloropropene	7.78	75	252535	45.777	ug/l	99
37) Ethyl Acetate	6.91	43	301792	52.715	ug/l	100
38) Carbon Tetrachloride	7.76	117	268909	48.492	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	254219	47.665	ug/l	100
40) Benzene	8.03	78	821722	48.768	ug/l	99
41) Methacrylonitrile	7.16	41	139787m	48.496	ug/l	
42) 1,2-Dichloroethane	8.11	62	348829	49.338	ug/l	100
43) Isopropyl Acetate	8.15	43	539551	50.463	ug/l	100
44) Trichloroethene	8.83	130	220366	53.444	ug/l	97
45) 1,2-Dichloropropane	9.11	63	258038	51.280	ug/l	98
46) Dibromomethane	9.20	93	155905	50.961	ug/l	98
47) Bromodichloromethane	9.40	83	337720	52.693	ug/l	97
48) Methyl methacrylate	9.19	41	261505	53.867	ug/l	100
49) 1,4-Dioxane	9.19	88	87302	1095.324	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1739194	306.242	ug/l	99
52) Toluene	10.15	92	527295	49.934	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	335857	51.157	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	365854	50.473	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	252334	53.846	ug/l	99
56) Ethyl methacrylate	10.43	69	370342	54.773	ug/l	99
57) 1,3-Dichloropropane	10.71	76	422260	52.415	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	934799	290.255	ug/l	100
59) 2-Hexanone	10.75	43	1248905	296.100	ug/l	98
60) Dibromochloromethane	10.90	129	251001	55.675	ug/l	99
61) 1,2-Dibromoethane	11.00	107	227884	52.473	ug/l	99
64) Tetrachloroethene	10.63	164	164855	47.562	ug/l	98
65) Chlorobenzene	11.44	112	621790	49.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	237869	52.452	ug/l	99
67) Ethyl Benzene	11.51	91	1107193	51.666	ug/l	99
68) m/p-Xylenes	11.62	106	805075	99.747	ug/l	96
69) o-Xylene	11.95	106	410538	51.729	ug/l	99
70) Styrene	11.97	104	731215	53.474	ug/l	100
71) Bromoform	12.13	173	158133	47.246	ug/l #	99
73) Isopropylbenzene	12.25	105	1159854	52.719	ug/l	100
74) N-amyl acetate	12.07	43	516302	56.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	404911	54.959	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	363061m	57.716	ug/l	
77) Bromobenzene	12.53	156	271955	49.141	ug/l	98
78) n-propylbenzene	12.60	91	1360262	54.409	ug/l	99
79) 2-Chlorotoluene	12.68	91	818180	52.365	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1003950	53.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	92457	44.468	ug/l	97
82) 4-Chlorotoluene	12.78	91	852117	51.882	ug/l	99
83) tert-Butylbenzene	13.00	119	890733	53.688	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	1018253	54.998	ug/l	99
85) sec-Butylbenzene	13.18	105	1193324	55.004	ug/l	99
86) p-Isopropyltoluene	13.30	119	1058710	54.891	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	521814	51.624	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	525003	50.875	ug/l	100
89) n-Butylbenzene	13.62	91	974490	53.291	ug/l	100
90) Hexachloroethane	13.88	117	169067	49.988	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	527237	51.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	72707	54.816	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	316402	48.840	ug/l	99
94) Hexachlorobutadiene	15.02	225	155970	49.812	ug/l	96
95) Naphthalene	15.13	128	863741	51.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	300404	49.060	ug/l	100

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

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