

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059174.D
 Acq On : 11 Nov 2019 20:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 11:20:13 AM

Quant Time: Nov 12 04:16:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	449255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	712353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	657154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	283643	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.57	113	220233	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	10.08	98	839755	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.40	95	308251	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	194020	42.864	ug/l	99
3) Chloromethane	2.04	50	271221	44.080	ug/l	100
4) Vinyl Chloride	2.17	62	276874	46.413	ug/l	100
5) Bromomethane	2.53	94	153705	44.775	ug/l	100
6) Chloroethane	2.67	64	166487	47.179	ug/l	99
7) Trichlorofluoromethane	2.99	101	335377	47.003	ug/l	97
8) Diethyl Ether	3.39	74	132684	45.765	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	194902	45.303	ug/l	99
10) Methyl Iodide	3.92	142	253849	47.670	ug/l	99
11) Tert butyl alcohol	4.76	59	286822	272.523	ug/l	99
12) 1,1-Dichloroethene	3.71	96	190872	45.545	ug/l	99
13) Acrolein	3.58	56	110691	203.989	ug/l	100
14) Allyl chloride	4.30	41	388082	45.081	ug/l	97
15) Acrylonitrile	4.96	53	695045	265.362	ug/l	99
16) Acetone	3.79	43	635151	221.168	ug/l	99
17) Carbon Disulfide	4.03	76	535657	41.175	ug/l	99
18) Methyl Acetate	4.30	43	366592	53.780	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	720029	49.903	ug/l	99
20) Methylene Chloride	4.52	84	238592	47.688	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	208119	46.265	ug/l	96
22) Diisopropyl ether	5.93	45	806468	49.597	ug/l	99
23) Vinyl Acetate	5.87	43	3365218	267.038	ug/l	100
24) 1,1-Dichloroethane	5.82	63	435025	47.901	ug/l	99
25) 2-Butanone	6.81	43	975397	257.709	ug/l	99
26) 2,2-Dichloropropane	6.80	77	347235	43.726	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	248168	47.551	ug/l	100
28) Bromochloromethane	7.17	49	131563	48.151	ug/l	100
29) Tetrahydrofuran	7.19	42	646081	268.651	ug/l	99
30) Chloroform	7.35	83	429099	49.254	ug/l	99
31) Cyclohexane	7.63	56	370831	43.132	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	364335	49.742	ug/l	99
36) 1,1-Dichloropropene	7.77	75	310941	46.699	ug/l	100
37) Ethyl Acetate	6.90	43	384356	51.889	ug/l	100
38) Carbon Tetrachloride	7.75	117	315805	47.653	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	356462	46.128	ug/l	100
40) Benzene	8.02	78	959266	47.842	ug/l	100
41) Methacrylonitrile	7.15	41	155269m	48.205	ug/l	
42) 1,2-Dichloroethane	8.10	62	346430	50.376	ug/l	98
43) Isopropyl Acetate	8.14	43	607161	51.415	ug/l	99
44) Trichloroethene	8.82	130	229015	46.464	ug/l	99
45) 1,2-Dichloropropane	9.10	63	266709	48.972	ug/l	99
46) Dibromomethane	9.19	93	166056	48.930	ug/l	99
47) Bromodichloromethane	9.39	83	342258	50.504	ug/l	98
48) Methyl methacrylate	9.18	41	278690	52.761	ug/l	98
49) 1,4-Dioxane	9.18	88	103355	1101.020	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1970708	294.933	ug/l	99
52) Toluene	10.15	92	587721	48.904	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	386092	49.313	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	409110	48.577	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	240194	49.385	ug/l	99
56) Ethyl methacrylate	10.42	69	384500	47.495	ug/l	97
57) 1,3-Dichloropropane	10.70	76	419903	50.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	770851	284.783	ug/l	100
59) 2-Hexanone	10.74	43	1494341	291.371	ug/l	100
60) Dibromochloromethane	10.90	129	263077	51.159	ug/l	100
61) 1,2-Dibromoethane	11.00	107	249749	50.724	ug/l	99
64) Tetrachloroethene	10.63	164	203630	45.570	ug/l	99
65) Chlorobenzene	11.43	112	624671	48.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	237141	49.348	ug/l	98
67) Ethyl Benzene	11.51	91	1139631	50.141	ug/l	99
68) m/p-Xylenes	11.62	106	848282	99.635	ug/l	99
69) o-Xylene	11.95	106	408770	49.681	ug/l	99
70) Styrene	11.96	104	684176	52.872	ug/l	100
71) Bromoform	12.13	173	195107	52.197	ug/l #	98
73) Isopropylbenzene	12.25	105	1103904	47.855	ug/l	100
74) N-amyl acetate	12.07	43	515473	52.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	386663	49.221	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	376394m	52.133	ug/l	
77) Bromobenzene	12.53	156	270173	46.617	ug/l	99
78) n-propylbenzene	12.59	91	1304229	49.379	ug/l	100
79) 2-Chlorotoluene	12.67	91	775722	47.343	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	949268	48.564	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	136556	49.957	ug/l	98
82) 4-Chlorotoluene	12.77	91	795632	48.414	ug/l	99
83) tert-Butylbenzene	12.99	119	800426	47.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	937627	49.581	ug/l	99
85) sec-Butylbenzene	13.17	105	1076361	49.030	ug/l	100
86) p-Isopropyltoluene	13.29	119	974074	50.251	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	476154	47.978	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	472509	47.585	ug/l	100
89) n-Butylbenzene	13.62	91	840031	49.514	ug/l	99
90) Hexachloroethane	13.88	117	184335	47.358	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	477429	48.903	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	83299	53.147	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	267414	45.442	ug/l	99
94) Hexachlorobutadiene	15.01	225	153993	45.746	ug/l	99
95) Naphthalene	15.13	128	772151	47.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	268704	49.112	ug/l	99

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

