

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058189.D
 Acq On : 19 Sep 2019 8:55
 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
 9/20/2019 3:37:14 PM

Quant Time: Sep 20 02:02:14 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	498469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	843861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	358318	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.57	113	260278	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.09	98	1055808	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	393250	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	186931	45.651	ug/l	97
3) Chloromethane	2.03	50	149308	47.248	ug/l	99
4) Vinyl Chloride	2.17	62	165811	48.004	ug/l	99
5) Bromomethane	2.54	94	80191	43.978	ug/l	93
6) Chloroethane	2.68	64	110822	50.129	ug/l	98
7) Trichlorofluoromethane	3.00	101	249621	44.661	ug/l	98
8) Diethyl Ether	3.39	74	119251	46.565	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	190906	47.374	ug/l	99
10) Methyl Iodide	3.93	142	141492	41.902	ug/l	100
11) Tert butyl alcohol	4.75	59	179178	216.962	ug/l	98
12) 1,1-Dichloroethene	3.72	96	152083	49.728	ug/l	94
13) Acrolein	3.58	56	42922	350.704	ug/l	95
14) Allyl chloride	4.30	41	308647	46.807	ug/l	98
15) Acrylonitrile	4.95	53	524423	238.342	ug/l	99
16) Acetone	3.79	43	638993	271.147	ug/l	100
17) Carbon Disulfide	4.03	76	195188	45.369	ug/l	100
18) Methyl Acetate	4.30	43	276122	44.528	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	737861	48.547	ug/l	98
20) Methylene Chloride	4.52	84	206901	50.147	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	161737	48.523	ug/l	98
22) Diisopropyl ether	5.92	45	815208	48.669	ug/l	95
23) Vinyl Acetate	5.87	43	2939190	256.442	ug/l	99
24) 1,1-Dichloroethane	5.82	63	423919	47.419	ug/l	99
25) 2-Butanone	6.81	43	809850	252.241	ug/l	98
26) 2,2-Dichloropropane	6.80	77	359653	47.421	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	242788	48.030	ug/l	99
28) Bromochloromethane	7.17	49	212597	50.270	ug/l	100
29) Tetrahydrofuran	7.19	42	438176	221.563	ug/l	99
30) Chloroform	7.35	83	460843	47.890	ug/l	98
31) Cyclohexane	7.63	56	280137	48.400	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	362283	49.453	ug/l	100
36) 1,1-Dichloropropene	7.77	75	271047	44.540	ug/l	99
37) Ethyl Acetate	6.90	43	290467	45.993	ug/l	100
38) Carbon Tetrachloride	7.76	117	285310	46.640	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	284265	48.315	ug/l	98
40) Benzene	8.02	78	874941	47.072	ug/l	100
41) Methacrylonitrile	7.16	41	155175m	48.796	ug/l	
42) 1,2-Dichloroethane	8.11	62	366826	47.033	ug/l	100
43) Isopropyl Acetate	8.15	43	536563	45.492	ug/l	99
44) Trichloroethene	8.82	130	216361	47.567	ug/l	99
45) 1,2-Dichloropropane	9.11	63	273637	49.296	ug/l	100
46) Dibromomethane	9.20	93	163598	48.476	ug/l	98
47) Bromodichloromethane	9.39	83	357906	50.622	ug/l	98
48) Methyl methacrylate	9.19	41	258243	48.222	ug/l	99
49) 1,4-Dioxane	9.19	88	80857	919.626	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1618102	258.284	ug/l	100
52) Toluene	10.15	92	568295	48.786	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	375497	51.848	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	410850	51.382	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	257894	49.888	ug/l	99
56) Ethyl methacrylate	10.43	69	380213	50.976	ug/l	100
57) 1,3-Dichloropropane	10.70	76	432564	48.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	933465	262.745	ug/l	100
59) 2-Hexanone	10.75	43	1253886	269.489	ug/l	99
60) Dibromochloromethane	10.90	129	263416	52.966	ug/l	100
61) 1,2-Dibromoethane	11.00	107	236829	49.435	ug/l	100
64) Tetrachloroethene	10.63	164	173930	46.059	ug/l	96
65) Chlorobenzene	11.43	112	663815	48.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	254881	51.589	ug/l	99
67) Ethyl Benzene	11.51	91	1194560	51.165	ug/l	98
68) m/p-Xylenes	11.62	106	879263	99.993	ug/l	98
69) o-Xylene	11.95	106	437357	50.583	ug/l	99
70) Styrene	11.96	104	794319	53.319	ug/l	99
71) Bromoform	12.13	173	166027	45.662	ug/l #	99
73) Isopropylbenzene	12.25	105	1245900	51.432	ug/l	98
74) N-amyl acetate	12.07	43	517594	51.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	391903	48.311	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	350374m	50.587	ug/l	
77) Bromobenzene	12.53	156	297178	48.770	ug/l	98
78) n-propylbenzene	12.59	91	1487673	54.044	ug/l	99
79) 2-Chlorotoluene	12.68	91	885136	51.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1084183	52.927	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	105138	45.736	ug/l	99
82) 4-Chlorotoluene	12.78	91	930445	51.452	ug/l	99
83) tert-Butylbenzene	13.00	119	961855	52.654	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1105425	54.227	ug/l	100
85) sec-Butylbenzene	13.17	105	1300731	54.451	ug/l	100
86) p-Isopropyltoluene	13.29	119	1175687	55.361	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	581149	52.217	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	581601	51.187	ug/l	99
89) n-Butylbenzene	13.62	91	1102419	54.754	ug/l	99
90) Hexachloroethane	13.88	117	179466	48.294	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	571004	51.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	72396	49.572	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	367912	51.579	ug/l	100
94) Hexachlorobutadiene	15.01	225	178032	51.639	ug/l	96
95) Naphthalene	15.13	128	943193	51.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	338452	50.201	ug/l	100

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

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