

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058982.D
 Acq On : 25 Oct 2019 14:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:48:04 AM

Quant Time: Oct 25 23:50:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	366384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	576544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	555191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	257520	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.57	113	189586	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.08	98	745230	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	283848	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	210250	46.026	ug/l	100
3) Chloromethane	2.04	50	249284	44.062	ug/l	99
4) Vinyl Chloride	2.17	62	261128	46.485	ug/l	97
5) Bromomethane	2.54	94	152971	43.486	ug/l	98
6) Chloroethane	2.68	64	169238	46.980	ug/l	99
7) Trichlorofluoromethane	3.00	101	342910	49.335	ug/l	100
8) Diethyl Ether	3.39	74	121420	50.551	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	186728	48.459	ug/l	99
10) Methyl Iodide	3.92	142	226579	44.709	ug/l	100
11) Tert butyl alcohol	4.75	59	197309	221.267	ug/l	99
12) 1,1-Dichloroethene	3.71	96	176086	48.752	ug/l	98
13) Acrolein	3.58	56	124556	203.287	ug/l	99
14) Allyl chloride	4.29	41	363996m	49.803	ug/l	
15) Acrylonitrile	4.95	53	538645	240.139	ug/l	99
16) Acetone	3.79	43	616287	232.096	ug/l	98
17) Carbon Disulfide	4.03	76	514352	44.208	ug/l	100
18) Methyl Acetate	4.29	43	284382	47.107	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	660577	52.231	ug/l	99
20) Methylene Chloride	4.52	84	217524	47.976	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	196168	49.180	ug/l	99
22) Diisopropyl ether	5.92	45	759727	53.144	ug/l	99
23) Vinyl Acetate	5.86	43	3143323	273.678	ug/l	100
24) 1,1-Dichloroethane	5.82	63	411591	49.654	ug/l	100
25) 2-Butanone	6.81	43	804555	233.416	ug/l	99
26) 2,2-Dichloropropane	6.80	77	365520	50.979	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	236077	51.810	ug/l	98
28) Bromochloromethane	7.17	49	133008	48.180	ug/l	99
29) Tetrahydrofuran	7.18	42	498316	236.329	ug/l	100
30) Chloroform	7.35	83	409146	49.206	ug/l	99
31) Cyclohexane	7.63	56	359699	46.579	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	347720	49.613	ug/l	100
36) 1,1-Dichloropropene	7.77	75	305247	51.714	ug/l	99
37) Ethyl Acetate	6.90	43	316581	49.223	ug/l	100
38) Carbon Tetrachloride	7.75	117	303098	49.845	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	345925	52.193	ug/l	99
40) Benzene	8.02	78	899613	51.902	ug/l	99
41) Methacrylonitrile	7.15	41	143454m	50.080	ug/l	
42) 1,2-Dichloroethane	8.10	62	337443	50.539	ug/l	100
43) Isopropyl Acetate	8.14	43	524036	50.804	ug/l	100
44) Trichloroethene	8.82	130	217587	51.533	ug/l	97
45) 1,2-Dichloropropane	9.10	63	249958	52.590	ug/l	99
46) Dibromomethane	9.19	93	154378	51.379	ug/l	99
47) Bromodichloromethane	9.39	83	326266	52.684	ug/l	99
48) Methyl methacrylate	9.18	41	250395	53.505	ug/l	97
49) 1,4-Dioxane	9.18	88	77100	1003.598	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1617523	268.476	ug/l	100
52) Toluene	10.15	92	565005	54.969	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	380868	55.556	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	401165	54.771	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	223468	52.775	ug/l	99
56) Ethyl methacrylate	10.42	69	352277	49.547	ug/l	99
57) 1,3-Dichloropropane	10.70	76	393256	52.916	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	757947	252.299	ug/l	99
59) 2-Hexanone	10.75	43	1217784	261.574	ug/l	99
60) Dibromochloromethane	10.90	129	248372	54.495	ug/l	99
61) 1,2-Dibromoethane	11.00	107	226517	52.273	ug/l	100
64) Tetrachloroethene	10.63	164	198866	51.146	ug/l	98
65) Chlorobenzene	11.43	112	596628	52.785	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	226685	53.147	ug/l	99
67) Ethyl Benzene	11.51	91	1109080	55.935	ug/l	99
68) m/p-Xylenes	11.62	106	819249	111.415	ug/l	99
69) o-Xylene	11.95	106	387983	55.324	ug/l	100
70) Styrene	11.96	104	653925	50.498	ug/l	99
71) Bromoform	12.13	173	176902	53.486	ug/l #	98
73) Isopropylbenzene	12.25	105	1076574	53.543	ug/l	99
74) N-amyl acetate	12.07	43	469303	51.484	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	337911	47.795	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	290808m	45.607	ug/l	
77) Bromobenzene	12.53	156	255641	51.583	ug/l	97
78) n-propylbenzene	12.59	91	1283403	53.999	ug/l	100
79) 2-Chlorotoluene	12.68	91	750939	51.624	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	925677	54.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	122829	50.182	ug/l	96
82) 4-Chlorotoluene	12.78	91	785903	52.868	ug/l	100
83) tert-Butylbenzene	13.00	119	778971	53.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	931262	55.889	ug/l	98
85) sec-Butylbenzene	13.17	105	1062904	55.187	ug/l	100
86) p-Isopropyltoluene	13.29	119	964310	56.743	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	467559	52.762	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	466160	52.542	ug/l	100
89) n-Butylbenzene	13.62	91	882642	56.539	ug/l	99
90) Hexachloroethane	13.88	117	174477	50.667	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	456440	52.405	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67133	41.982	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	265307	48.468	ug/l	99
94) Hexachlorobutadiene	15.01	225	146487	51.890	ug/l	100
95) Naphthalene	15.13	128	706246	45.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	257913	48.398	ug/l	100

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

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