

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059106.D
 Acq On : 6 Nov 2019 15:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:16:36 AM

Quant Time: Nov 07 04:40:05 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	517682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	808833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	736728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	305307	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.57	113	240070	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.08	98	950286	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	344039	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	242516	46.496	ug/l	99
3) Chloromethane	2.04	50	317714	44.811	ug/l	99
4) Vinyl Chloride	2.17	62	320802	46.669	ug/l	99
5) Bromomethane	2.54	94	184826	46.724	ug/l	98
6) Chloroethane	2.68	64	191668	47.136	ug/l	100
7) Trichlorofluoromethane	3.00	101	392540	47.742	ug/l	99
8) Diethyl Ether	3.39	74	162483	48.636	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	237211	47.850	ug/l	99
10) Methyl Iodide	3.93	142	307871	50.172	ug/l	100
11) Tert butyl alcohol	4.75	59	264411	218.022	ug/l	99
12) 1,1-Dichloroethene	3.71	96	227930	47.198	ug/l	95
13) Acrolein	3.58	56	147836	236.432	ug/l	100
14) Allyl chloride	4.29	41	461272m	46.500	ug/l	
15) Acrylonitrile	4.95	53	729552	241.720	ug/l	100
16) Acetone	3.79	43	808593	244.346	ug/l	99
17) Carbon Disulfide	4.03	76	682944	45.557	ug/l	100
18) Methyl Acetate	4.29	43	365539	46.537	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	815182	49.030	ug/l	100
20) Methylene Chloride	4.52	84	271498	47.093	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	251172	48.455	ug/l	100
22) Diisopropyl ether	5.92	45	921891	49.202	ug/l	99
23) Vinyl Acetate	5.86	43	3838222	264.314	ug/l	100
24) 1,1-Dichloroethane	5.82	63	502198	47.988	ug/l	99
25) 2-Butanone	6.81	43	1064920	244.172	ug/l	99
26) 2,2-Dichloropropane	6.80	77	433610	47.385	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	290739	48.345	ug/l	99
28) Bromochloromethane	7.17	49	149039	47.337	ug/l	99
29) Tetrahydrofuran	7.18	42	650796	234.842	ug/l	99
30) Chloroform	7.35	83	482275	48.041	ug/l	100
31) Cyclohexane	7.63	56	463593	46.794	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	413060	48.940	ug/l	99
36) 1,1-Dichloropropene	7.77	75	371497	49.138	ug/l	99
37) Ethyl Acetate	6.90	43	402159	47.816	ug/l	99
38) Carbon Tetrachloride	7.75	117	361163	47.996	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	445101	50.728	ug/l	99
40) Benzene	8.02	78	1118170	49.115	ug/l	99
41) Methacrylonitrile	7.15	41	189314m	51.764	ug/l	
42) 1,2-Dichloroethane	8.10	62	378666	48.495	ug/l	100
43) Isopropyl Acetate	8.14	43	653797	48.760	ug/l	100
44) Trichloroethene	8.82	130	273317	48.838	ug/l	98
45) 1,2-Dichloropropane	9.10	63	304296	49.209	ug/l	98
46) Dibromomethane	9.19	93	186101	48.295	ug/l	99
47) Bromodichloromethane	9.39	83	386333	50.208	ug/l	98
48) Methyl methacrylate	9.18	41	294019	49.023	ug/l	99
49) 1,4-Dioxane	9.18	88	102871	965.146	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1992947	262.684	ug/l	100
52) Toluene	10.14	92	680972	49.904	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	441634	49.679	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	483957	50.609	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	267288	48.400	ug/l	99
56) Ethyl methacrylate	10.42	69	429111	46.715	ug/l	99
57) 1,3-Dichloropropane	10.70	76	469337	49.379	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	667134	217.067	ug/l	100
59) 2-Hexanone	10.74	43	1521470	261.274	ug/l	100
60) Dibromochloromethane	10.90	129	290989	49.837	ug/l	100
61) 1,2-Dibromoethane	11.00	107	276511	49.461	ug/l	100
64) Tetrachloroethene	10.63	164	237951	47.499	ug/l	99
65) Chlorobenzene	11.43	112	711916	49.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	268488	49.836	ug/l	100
67) Ethyl Benzene	11.51	91	1315496	51.627	ug/l	100
68) m/p-Xylenes	11.62	106	975495	102.201	ug/l	100
69) o-Xylene	11.95	106	467506	50.683	ug/l	99
70) Styrene	11.96	104	776579	53.531	ug/l	99
71) Bromoform	12.13	173	211280	50.418	ug/l #	99
73) Isopropylbenzene	12.25	105	1263530	49.628	ug/l	100
74) N-amyl acetate	12.07	43	541823	50.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	407625	47.014	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	363285m	45.589	ug/l	
77) Bromobenzene	12.53	156	300848	47.032	ug/l	100
78) n-propylbenzene	12.59	91	1498265	51.395	ug/l	100
79) 2-Chlorotoluene	12.68	91	878459	48.576	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1081838	50.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	149745	49.634	ug/l	98
82) 4-Chlorotoluene	12.77	91	903488	49.811	ug/l	99
83) tert-Butylbenzene	12.99	119	909987	48.844	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1061606	50.862	ug/l	99
85) sec-Butylbenzene	13.17	105	1235018	50.971	ug/l	100
86) p-Isopropyltoluene	13.29	119	1117435	52.231	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	540851	49.376	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	529646	48.328	ug/l	99
89) n-Butylbenzene	13.62	91	984146	52.558	ug/l	100
90) Hexachloroethane	13.88	117	202827	47.213	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	530347	49.219	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	79811	46.141	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	295649	45.515	ug/l	100
94) Hexachlorobutadiene	15.01	225	175985	47.367	ug/l	100
95) Naphthalene	15.13	128	785007	43.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	293660	48.630	ug/l	100

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

