

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058020.D
 Acq On : 13 Sep 2019 16:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 2:53:26 PM

Quant Time: Sep 14 03:50:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	338180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	538780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	349680	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.57	113	256004	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.08	98	1008320	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.40	95	367896	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	239222	51.150	ug/l	100
3) Chloromethane	2.04	50	199359	41.823	ug/l	97
4) Vinyl Chloride	2.17	62	205433	40.721	ug/l	100
5) Bromomethane	2.54	94	135020	48.662	ug/l	98
6) Chloroethane	2.68	64	131722	40.974	ug/l	98
7) Trichlorofluoromethane	3.00	101	273054	43.009	ug/l	99
8) Diethyl Ether	3.39	74	129282	48.823	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	205139	51.220	ug/l	98
10) Methyl Iodide	3.93	142	200278	44.937	ug/l	98
11) Tert butyl alcohol	4.75	59	197061	237.705	ug/l	99
12) 1,1-Dichloroethene	3.72	96	168481	46.787	ug/l	96
13) Acrolein	3.58	56	50947	72.436	ug/l	100
14) Allyl chloride	4.30	41	336085	47.691	ug/l	99
15) Acrylonitrile	4.96	53	590198	259.014	ug/l	100
16) Acetone	3.79	43	604016	269.000	ug/l	99
17) Carbon Disulfide	4.03	76	237692	42.434	ug/l	99
18) Methyl Acetate	4.30	43	335973	56.118	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	778252	51.932	ug/l	100
20) Methylene Chloride	4.53	84	225959	52.933	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	181176	46.542	ug/l	97
22) Diisopropyl ether	5.92	45	856270	51.812	ug/l	96
23) Vinyl Acetate	5.87	43	3203593	273.525	ug/l	99
24) 1,1-Dichloroethane	5.82	63	458515	50.765	ug/l	99
25) 2-Butanone	6.81	43	864041	265.866	ug/l	97
26) 2,2-Dichloropropane	6.80	77	373496	52.253	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	258343	49.522	ug/l	98
28) Bromochloromethane	7.17	49	232809	51.594	ug/l	96
29) Tetrahydrofuran	7.19	42	519630	259.477	ug/l	99
30) Chloroform	7.36	83	480185	50.846	ug/l	97
31) Cyclohexane	7.64	56	314616	51.168	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	375291	50.106	ug/l	98
36) 1,1-Dichloropropene	7.78	75	298550	47.780	ug/l	99
37) Ethyl Acetate	6.90	43	327886	50.789	ug/l	99
38) Carbon Tetrachloride	7.76	117	302693	53.060	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	313266	47.692	ug/l	97
40) Benzene	8.03	78	951095	50.558	ug/l	98
41) Methacrylonitrile	7.15	41	159487m	54.423	ug/l	
42) 1,2-Dichloroethane	8.11	62	390445	51.897	ug/l	99
43) Isopropyl Acetate	8.15	43	599306	55.202	ug/l #	89
44) Trichloroethene	8.82	130	231988	50.279	ug/l	96
45) 1,2-Dichloropropane	9.11	63	288128	52.636	ug/l	100
46) Dibromomethane	9.20	93	175332	53.005	ug/l	99
47) Bromodichloromethane	9.40	83	364980	55.255	ug/l	99
48) Methyl methacrylate	9.19	41	287987	52.293	ug/l	99
49) 1,4-Dioxane	9.19	88	87828	943.063	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1789258	278.503	ug/l	100
52) Toluene	10.15	92	609177	51.414	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	386575	55.576	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	425042	55.346	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	264402	52.682	ug/l	98
56) Ethyl methacrylate	10.43	69	406709	53.813	ug/l	100
57) 1,3-Dichloropropane	10.71	76	459538	53.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	908645	255.259	ug/l	100
59) 2-Hexanone	10.75	43	1333613	276.944	ug/l	100
60) Dibromochloromethane	10.90	129	262862	56.402	ug/l	99
61) 1,2-Dibromoethane	11.00	107	249907	52.669	ug/l	99
64) Tetrachloroethene	10.63	164	187901	49.800	ug/l	97
65) Chlorobenzene	11.43	112	687105	51.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	254026	54.740	ug/l	100
67) Ethyl Benzene	11.51	91	1250306	53.346	ug/l	100
68) m/p-Xylenes	11.62	106	915965	106.690	ug/l	100
69) o-Xylene	11.95	106	452040	52.963	ug/l	96
70) Styrene	11.97	104	801180	54.544	ug/l	99
71) Bromoform	12.13	173	162502	56.166	ug/l #	98
73) Isopropylbenzene	12.25	105	1283821	52.887	ug/l	100
74) N-amyl acetate	12.07	43	546972	51.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	409240	50.070	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	371273m	52.463	ug/l	
77) Bromobenzene	12.53	156	294415	48.645	ug/l	100
78) n-propylbenzene	12.59	91	1507778	54.091	ug/l	100
79) 2-Chlorotoluene	12.68	91	886987	50.346	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1103863	53.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	103955	51.692	ug/l	94
82) 4-Chlorotoluene	12.78	91	941407	52.034	ug/l	99
83) tert-Butylbenzene	13.00	119	955768	52.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1119401	53.698	ug/l	100
85) sec-Butylbenzene	13.18	105	1309251	54.179	ug/l	99
86) p-Isopropyltoluene	13.29	119	1173670	55.122	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	569032	51.223	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	578908	51.339	ug/l	99
89) n-Butylbenzene	13.62	91	1097328	54.573	ug/l	99
90) Hexachloroethane	13.88	117	170352	53.797	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	575296	51.837	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	75020	55.579	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	364744	50.281	ug/l	99
94) Hexachlorobutadiene	15.02	225	155392	50.534	ug/l	98
95) Naphthalene	15.13	128	1009122	55.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	342434	53.991	ug/l	99

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

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