

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059058.D
 Acq On : 1 Nov 2019 12:59
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:59:01 PM

Quant Time: Nov 02 04:34:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	535614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	839319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	771710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	368911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	353109	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
35) Dibromofluoromethane	7.57	113	271292	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.08	98	1089115	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	395778	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	272432	42.049	ug/l	100
3) Chloromethane	2.04	50	362120	44.507	ug/l	100
4) Vinyl Chloride	2.17	62	356389	44.297	ug/l	100
5) Bromomethane	2.54	94	206903	41.796	ug/l	100
6) Chloroethane	2.68	64	209036	40.898	ug/l	100
7) Trichlorofluoromethane	2.99	101	428783	43.373	ug/l	100
8) Diethyl Ether	3.39	74	171125	48.676	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	254598	45.634	ug/l	100
10) Methyl Iodide	3.93	142	316989	44.051	ug/l	100
11) Tert butyl alcohol	4.75	59	312209	239.923	ug/l	100
12) 1,1-Dichloroethene	3.71	96	249811	47.627	ug/l	100
13) Acrolein	3.58	56	208640	237.688	ug/l	100
14) Allyl chloride	4.29	41	506018	47.777	ug/l	100
15) Acrylonitrile	4.95	53	802482	246.854	ug/l	100
16) Acetone	3.79	43	890104	234.538	ug/l	100
17) Carbon Disulfide	4.03	76	784913	46.666	ug/l	100
18) Methyl Acetate	4.29	43	405460	46.148	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	874342	47.907	ug/l	100
20) Methylene Chloride	4.52	84	290360	44.202	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	270733	46.962	ug/l	100
22) Diisopropyl ether	5.92	45	991745	48.130	ug/l	100
23) Vinyl Acetate	5.87	43	4177335	253.621	ug/l	100
24) 1,1-Dichloroethane	5.82	63	539616	45.159	ug/l	100
25) 2-Butanone	6.81	43	1190616	240.148	ug/l	100
26) 2,2-Dichloropropane	6.80	77	462583	44.923	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	309750	47.125	ug/l	100
28) Bromochloromethane	7.17	49	166265	42.416	ug/l	100
29) Tetrahydrofuran	7.19	42	743941	244.695	ug/l	100
30) Chloroform	7.35	83	513360	43.116	ug/l	100
31) Cyclohexane	7.63	56	507114	45.636	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	444499	44.396	ug/l	100
36) 1,1-Dichloropropene	7.77	75	401311	47.484	ug/l	100
37) Ethyl Acetate	6.90	43	454546	49.267	ug/l	100
38) Carbon Tetrachloride	7.75	117	393461	45.259	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	487174	50.897	ug/l	100
40) Benzene	8.02	78	1196738	48.020	ug/l	100
41) Methacrylonitrile	7.16	41	207168m	49.555	ug/l	
42) 1,2-Dichloroethane	8.10	62	407453	43.095	ug/l	100
43) Isopropyl Acetate	8.15	43	721119	48.639	ug/l	100
44) Trichloroethene	8.82	130	290714	47.777	ug/l	100
45) 1,2-Dichloropropane	9.10	63	324317	47.488	ug/l	100
46) Dibromomethane	9.19	93	197331	45.886	ug/l	100
47) Bromodichloromethane	9.39	83	404941	45.796	ug/l	100
48) Methyl methacrylate	9.18	41	329369	49.279	ug/l	100
49) 1,4-Dioxane	9.18	88	117860	1048.524	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	2221782	257.799	ug/l	100
52) Toluene	10.15	92	727550	49.328	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	473728	48.260	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	516579	49.132	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	282612	46.444	ug/l	100
56) Ethyl methacrylate	10.42	69	473151	52.666	ug/l	100
57) 1,3-Dichloropropane	10.70	76	499709	46.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	843609	223.311	ug/l	100
59) 2-Hexanone	10.75	43	1714438	257.892	ug/l	100
60) Dibromochloromethane	10.90	129	313417	47.914	ug/l	100
61) 1,2-Dibromoethane	11.00	107	296413	47.699	ug/l	100
64) Tetrachloroethene	10.63	164	254047	47.534	ug/l	100
65) Chlorobenzene	11.43	112	757634	48.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	281785	48.088	ug/l	100
67) Ethyl Benzene	11.51	91	1405729	51.644	ug/l	100
68) m/p-Xylenes	11.62	106	1036652	102.838	ug/l	100
69) o-Xylene	11.95	106	494652	51.312	ug/l	100
70) Styrene	11.96	104	832997	52.989	ug/l	100
71) Bromoform	12.13	173	227379	49.800	ug/l #	100
73) Isopropylbenzene	12.25	105	1342520	50.222	ug/l	100
74) N-amyl acetate	12.07	43	617207	51.255	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	444933	47.348	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	412192m	48.173	ug/l	
77) Bromobenzene	12.53	156	318737	48.303	ug/l	100
78) n-propylbenzene	12.59	91	1604211	50.830	ug/l	100
79) 2-Chlorotoluene	12.68	91	942161	48.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1140953	50.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	168585	51.429	ug/l	100
82) 4-Chlorotoluene	12.78	91	969155	49.167	ug/l	100
83) tert-Butylbenzene	13.00	119	956740	49.909	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1148542	52.056	ug/l	100
85) sec-Butylbenzene	13.17	105	1302663	51.085	ug/l	100
86) p-Isopropyltoluene	13.29	119	1186122	52.635	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	572659	48.671	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	569436	48.372	ug/l	100
89) n-Butylbenzene	13.62	91	1047203	50.896	ug/l	100
90) Hexachloroethane	13.88	117	217259	47.500	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	560192	48.532	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91392	43.498	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	323718	51.094	ug/l	100
94) Hexachlorobutadiene	15.01	225	182893	48.636	ug/l	100
95) Naphthalene	15.13	128	904258	51.525	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	315374	50.580	ug/l	100

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

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