

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059059.D
 Acq On : 1 Nov 2019 13:21
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110119

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:59:05 PM

Quant Time: Nov 02 04:58:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	567816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	896872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	813229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	384212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	357319	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.57	113	274722	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	10.08	98	1098470	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	398309	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	275049	44.802	ug/l	99
3) Chloromethane	2.04	50	360261	43.278	ug/l	99
4) Vinyl Chloride	2.17	62	357514	44.245	ug/l	98
5) Bromomethane	2.54	94	205401	42.996	ug/l	99
6) Chloroethane	2.68	64	207181	41.866	ug/l	99
7) Trichlorofluoromethane	3.00	101	428344	44.612	ug/l	100
8) Diethyl Ether	3.39	74	171762	45.807	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	249576	44.099	ug/l	98
10) Methyl Iodide	3.93	142	327562	47.619	ug/l	100
11) Tert butyl alcohol	4.75	59	290089	208.429	ug/l	99
12) 1,1-Dichloroethene	3.72	96	249792	44.381	ug/l	95
13) Acrolein	3.58	56	214952	244.761	ug/l	99
14) Allyl chloride	4.30	41	502728	45.076	ug/l	98
15) Acrylonitrile	4.95	53	819609	234.755	ug/l	99
16) Acetone	3.79	43	855166	224.624	ug/l	99
17) Carbon Disulfide	4.03	76	783661	43.795	ug/l	100
18) Methyl Acetate	4.30	43	408302	42.334	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	871002	45.436	ug/l	99
20) Methylene Chloride	4.53	84	290690	43.616	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	271127	44.871	ug/l	100
22) Diisopropyl ether	5.92	45	983129	46.279	ug/l	100
23) Vinyl Acetate	5.87	43	4157633	245.724	ug/l	100
24) 1,1-Dichloroethane	5.82	63	534424	44.002	ug/l	99
25) 2-Butanone	6.81	43	1179810	232.735	ug/l	100
26) 2,2-Dichloropropane	6.80	77	450248	42.710	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	304666	44.779	ug/l	99
28) Bromochloromethane	7.17	49	172993	46.151	ug/l	100
29) Tetrahydrofuran	7.18	42	743493	232.394	ug/l	100
30) Chloroform	7.35	83	505999	43.568	ug/l	98
31) Cyclohexane	7.63	56	510031	44.027	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	437080	44.482	ug/l	99
36) 1,1-Dichloropropene	7.77	75	399229	44.787	ug/l	100
37) Ethyl Acetate	6.90	43	453822	45.821	ug/l	99
38) Carbon Tetrachloride	7.75	117	387512	44.607	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	479109	46.501	ug/l	97
40) Benzene	8.02	78	1186203	44.841	ug/l	99
41) Methacrylonitrile	7.15	41	188202m	43.945	ug/l	
42) 1,2-Dichloroethane	8.10	62	402615	43.823	ug/l	100
43) Isopropyl Acetate	8.14	43	716279	46.246	ug/l	100
44) Trichloroethene	8.82	130	287359	44.150	ug/l	99
45) 1,2-Dichloropropane	9.10	63	320206	44.757	ug/l	99
46) Dibromomethane	9.19	93	195761	44.273	ug/l	100
47) Bromodichloromethane	9.39	83	403280	45.035	ug/l	99
48) Methyl methacrylate	9.18	41	325593	46.105	ug/l	99
49) 1,4-Dioxane	9.18	88	97894	849.787	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	2232540	248.131	ug/l	99
52) Toluene	10.15	92	720711	46.497	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	473001	45.680	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	509115	46.614	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	279255	44.227	ug/l	99
56) Ethyl methacrylate	10.42	69	471303	44.221	ug/l	99
57) 1,3-Dichloropropane	10.70	76	499497	45.487	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	964915	233.018	ug/l	100
59) 2-Hexanone	10.75	43	1708058	249.887	ug/l	100
60) Dibromochloromethane	10.90	129	306536	45.048	ug/l	99
61) 1,2-Dibromoethane	11.00	107	295888	46.257	ug/l	99
64) Tetrachloroethene	10.63	164	252655	44.475	ug/l	98
65) Chlorobenzene	11.43	112	749330	44.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	276463	45.021	ug/l	100
67) Ethyl Benzene	11.51	91	1387036	48.005	ug/l	99
68) m/p-Xylenes	11.62	106	1027647	95.248	ug/l	99
69) o-Xylene	11.95	106	488700	47.435	ug/l	99
70) Styrene	11.96	104	820792	49.163	ug/l	99
71) Bromoform	12.13	173	225442	47.430	ug/l #	99
73) Isopropylbenzene	12.25	105	1322179	46.777	ug/l	100
74) N-amyl acetate	12.07	43	609946	48.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	443348	44.032	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	378180m	41.595	ug/l	
77) Bromobenzene	12.53	156	316992	44.852	ug/l	98
78) n-propylbenzene	12.59	91	1562547	47.731	ug/l	100
79) 2-Chlorotoluene	12.68	91	920780	45.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1128164	46.963	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	161212	45.454	ug/l	96
82) 4-Chlorotoluene	12.78	91	945859	45.593	ug/l	100
83) tert-Butylbenzene	13.00	119	960025	47.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1122551	48.091	ug/l	99
85) sec-Butylbenzene	13.17	105	1283845	48.002	ug/l	100
86) p-Isopropyltoluene	13.29	119	1161068	48.152	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	562159	44.768	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	563066	45.331	ug/l	100
89) n-Butylbenzene	13.62	91	1037842	49.396	ug/l	100
90) Hexachloroethane	13.88	117	212675	44.371	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	553329	44.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91918	42.264	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	329246	48.856	ug/l	100
94) Hexachlorobutadiene	15.01	225	184374	45.585	ug/l	99
95) Naphthalene	15.13	128	942917	45.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	324000	47.239	ug/l	100

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

