

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\
 Data File : VN059471.D
 Acq On : 3 Dec 2019 15:09
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 12/4/2019 9:22:15 AM

Quant Time: Dec 03 15:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 14:48:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	353458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	561155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	508433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	678516	161.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.02%	
35) Dibromofluoromethane	7.57	113	540020	157.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.40%	
50) Toluene-d8	10.08	98	2108265	153.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.68%	
62) 4-Bromofluorobenzene	12.40	95	774142	161.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	541607	133.293	ug/l	100
3) Chloromethane	2.04	50	728362	143.336	ug/l	100
4) Vinyl Chloride	2.17	62	465548	102.558	ug/l	98
5) Bromomethane	2.52	94	307808	113.342	ug/l	99
6) Chloroethane	2.67	64	276534	107.506	ug/l	100
7) Trichlorofluoromethane	2.99	101	565800	103.414	ug/l	97
8) Diethyl Ether	3.39	74	365381	153.479	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	528388	147.123	ug/l	100
10) Methyl Iodide	3.92	142	731067	155.504	ug/l	99
11) Tert butyl alcohol	4.76	59	624655	850.230	ug/l	100
12) 1,1-Dichloroethene	3.71	96	537653	152.787	ug/l	99
13) Acrolein	3.58	56	561343	805.141	ug/l	99
14) Allyl chloride	4.29	41	1048174	159.182	ug/l	99
15) Acrylonitrile	4.95	53	1686682	823.419	ug/l	100
16) Acetone	3.79	43	1804277	890.123	ug/l	98
17) Carbon Disulfide	4.02	76	1705202	140.942	ug/l	99
18) Methyl Acetate	4.29	43	857907	155.904	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1879089	163.825	ug/l	99
20) Methylene Chloride	4.52	84	607953	149.768	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	593998	154.508	ug/l	99
22) Diisopropyl ether	5.92	45	2029143	165.131	ug/l	96
23) Vinyl Acetate	5.87	43	7760938	778.934	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	1117899	158.504	ug/l	100
25) 2-Butanone	6.81	43	2449320	876.362	ug/l	97
26) 2,2-Dichloropropane	6.80	77	951526	158.316	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	669672	158.761	ug/l	99
28) Bromochloromethane	7.17	49	442764	184.125	ug/l	99
29) Tetrahydrofuran	7.19	42	1546471	832.026	ug/l	100
30) Chloroform	7.35	83	1076225	151.829	ug/l	99
31) Cyclohexane	7.63	56	1060409	150.032	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	928881	160.100	ug/l	99
36) 1,1-Dichloropropene	7.77	75	859033	157.417	ug/l	99
37) Ethyl Acetate	6.90	43	941453	160.004	ug/l	99
38) Carbon Tetrachloride	7.75	117	826552	159.676	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	1070635	163.874	ug/l	100
40) Benzene	8.02	78	2482887	153.011	ug/l	98
41) Methacrylonitrile	7.15	41	398899	146.037	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	846779	163.330	ug/l	100
43) Isopropyl Acetate	8.15	43	1519623	170.802	ug/l	100
44) Trichloroethene	8.82	130	640527	155.100	ug/l	100
45) 1,2-Dichloropropane	9.10	63	675208	159.027	ug/l	100
46) Dibromomethane	9.19	93	421784	160.713	ug/l	100
47) Bromodichloromethane	9.39	83	863361	162.603	ug/l	99
48) Methyl methacrylate	9.18	41	690494	174.493	ug/l	99
49) 1,4-Dioxane	9.19	88	194335	3461.824	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	3986972	766.804	ug/l	92
52) Toluene	10.15	92	1531611	157.808	ug/l	96
53) t-1,3-Dichloropropene	10.37	75	1027924	168.303	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	1097222	167.054	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	601437	157.670	ug/l	99
56) Ethyl methacrylate	10.42	69	1008767	181.100	ug/l	100
57) 1,3-Dichloropropane	10.70	76	1051700	160.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1783321	1110.397	ug/l	99
59) 2-Hexanone	10.75	43	3149710	814.834	ug/l	94
60) Dibromochloromethane	10.90	129	676782	170.629	ug/l	100
61) 1,2-Dibromoethane	11.00	107	643067	164.526	ug/l	100
64) Tetrachloroethene	10.63	164	606451	159.135	ug/l	99
65) Chlorobenzene	11.43	112	1603789	154.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	601362	159.156	ug/l	99
67) Ethyl Benzene	11.51	91	2814848	153.584	ug/l	95
68) m/p-Xylenes	11.62	106	2182157	318.149	ug/l	90
69) o-Xylene	11.95	106	1052682	160.696	ug/l	96
70) Styrene	11.96	104	1766600	171.967	ug/l	99
71) Bromoform	12.13	173	496823	171.828	ug/l #	100
73) Isopropylbenzene	12.25	105	2710166	148.798	ug/l	98
74) N-amyl acetate	12.07	43	1242709	178.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	877904	146.860	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	856255m	151.732	ug/l	
77) Bromobenzene	12.53	156	674093	151.227	ug/l	99
78) n-propylbenzene	12.59	91	3122341	148.394	ug/l	96
79) 2-Chlorotoluene	12.67	91	1914272	152.318	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2318004	151.390	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	357546	163.552	ug/l	97
82) 4-Chlorotoluene	12.77	91	1989037	153.641	ug/l	99
83) tert-Butylbenzene	12.99	119	1995673	151.348	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2307612	153.781	ug/l	98
85) sec-Butylbenzene	13.17	105	2653672	151.749	ug/l	98
86) p-Isopropyltoluene	13.29	119	2429002	153.781	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1207539	152.947	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1200125	151.201	ug/l	100
89) n-Butylbenzene	13.62	91	2228338	161.141	ug/l	97
90) Hexachloroethane	13.88	117	464856	153.646	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1153262	149.065	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	192804	142.004	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	780918	163.953	ug/l	99
94) Hexachlorobutadiene	15.01	225	414600	140.646	ug/l	98
95) Naphthalene	15.13	128	2136345	157.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	778161	153.538	ug/l	99

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

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