

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063294.D
 Acq On : 10 Sep 2020 14:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:29 PM

Quant Time: Sep 10 15:02:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	482417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	864352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	781735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	374437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	759067	98.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.58%	
35) Dibromofluoromethane	7.55	113	565640	102.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.78%	
50) Toluene-d8	10.06	98	2159739	102.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.04%	
62) 4-Bromofluorobenzene	12.38	95	814399	109.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	434636	92.399	ug/l	100
3) Chloromethane	2.04	50	610056	89.110	ug/l	99
4) Vinyl Chloride	2.17	62	626353	84.413	ug/l	99
5) Bromomethane	2.52	94	426316	71.222	ug/l	100
6) Chloroethane	2.67	64	405534	71.484	ug/l	97
7) Trichlorofluoromethane	2.98	101	963204	85.984	ug/l	99
8) Diethyl Ether	3.38	74	346836	95.556	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	508134	98.326	ug/l	99
10) Methyl Iodide	3.91	142	733850	104.821	ug/l	100
11) Tert butyl alcohol	4.73	59	502148	525.290	ug/l	100
12) 1,1-Dichloroethene	3.70	96	508680	97.313	ug/l	98
13) Acrolein	3.57	56	307477	864.056	ug/l	99
14) Allyl chloride	4.28	41	1022918	108.589	ug/l	98
15) Acrylonitrile	4.93	53	1360841	550.412	ug/l	100
16) Acetone	3.77	43	1198593	531.419	ug/l	100
17) Carbon Disulfide	4.01	76	1479916	94.940	ug/l	100
18) Methyl Acetate	4.28	43	631861	109.886	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1846590	95.815	ug/l	99
20) Methylene Chloride	4.51	84	598849	89.405	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	563638	98.162	ug/l	99
22) Diisopropyl ether	5.90	45	2081771	99.687	ug/l	99
23) Vinyl Acetate	5.84	43	8442990	508.186	ug/l	97
24) 1,1-Dichloroethane	5.80	63	1115049	97.288	ug/l	99
25) 2-Butanone	6.78	43	1903377	548.991	ug/l	99
26) 2,2-Dichloropropane	6.78	77	972897	93.524	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	652696	93.518	ug/l	100
28) Bromochloromethane	7.15	49	552385	94.136	ug/l	100
29) Tetrahydrofuran	7.16	42	1254107	525.354	ug/l	98
30) Chloroform	7.33	83	1132765	94.829	ug/l	100
31) Cyclohexane	7.61	56	989445	91.855	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	991278	96.593	ug/l	99
36) 1,1-Dichloropropene	7.75	75	868394	104.436	ug/l	99
37) Ethyl Acetate	6.88	43	831974	116.820	ug/l	98
38) Carbon Tetrachloride	7.74	117	865130	102.916	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	940384	101.195	ug/l	99
40) Benzene	8.00	78	2449574	100.941	ug/l	100
41) Methacrylonitrile	7.14	41	444446m	123.742	ug/l	
42) 1,2-Dichloroethane	8.09	62	950702	104.417	ug/l	100
43) Isopropyl Acetate	8.13	43	1486479	109.749	ug/l #	92
44) Trichloroethene	8.80	130	636677	106.566	ug/l	100
45) 1,2-Dichloropropane	9.09	63	667340	102.972	ug/l	100
46) Dibromomethane	9.17	93	437929	103.182	ug/l	99
47) Bromodichloromethane	9.37	83	930675	102.449	ug/l	98
48) Methyl methacrylate	9.17	41	698153	113.840	ug/l	99
49) 1,4-Dioxane	9.17	88	200152	2121.360	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	3993459	542.049	ug/l	98
52) Toluene	10.13	92	1514209	100.558	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	1045772	105.677	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1103450	105.102	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	592603	102.502	ug/l	99
56) Ethyl methacrylate	10.40	69	955015	108.329	ug/l	100
57) 1,3-Dichloropropane	10.68	76	1036879	100.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2277251	502.235	ug/l	100
59) 2-Hexanone	10.72	43	3005771	578.292	ug/l	99
60) Dibromochloromethane	10.87	129	687471	107.601	ug/l	99
61) 1,2-Dibromoethane	10.98	107	625107	104.490	ug/l	99
64) Tetrachloroethene	10.60	164	597629	104.195	ug/l	98
65) Chlorobenzene	11.41	112	1606684	102.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	597394	102.954	ug/l	99
67) Ethyl Benzene	11.49	91	2959225	103.268	ug/l	97
68) m/p-Xylenes	11.59	106	2206106	208.560	ug/l	93
69) o-Xylene	11.92	106	1062918	103.988	ug/l	98
70) Styrene	11.94	104	1830968	104.563	ug/l	99
71) Bromoform	12.10	173	441004	111.294	ug/l #	99
73) Isopropylbenzene	12.23	105	2827879	99.302	ug/l	99
74) N-amyl acetate	12.05	43	1342363	112.796	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	814143	99.483	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	804020m	100.397	ug/l	
77) Bromobenzene	12.50	156	650647	100.531	ug/l	99
78) n-propylbenzene	12.57	91	3271525	99.285	ug/l	98
79) 2-Chlorotoluene	12.65	91	1972969	99.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2429972	102.069	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	313674	104.165	ug/l	99
82) 4-Chlorotoluene	12.75	91	2097658	102.311	ug/l	100
83) tert-Butylbenzene	12.97	119	1998351	98.342	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	2465278	102.747	ug/l	100
85) sec-Butylbenzene	13.15	105	2641441	100.208	ug/l	100
86) p-Isopropyltoluene	13.26	119	2417551	103.050	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1205964	101.685	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1219373	99.662	ug/l	99
89) n-Butylbenzene	13.59	91	2234757	102.967	ug/l	100
90) Hexachloroethane	13.85	117	438552	101.393	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1190067	103.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	193479	105.578	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	694954	106.811	ug/l	99
94) Hexachlorobutadiene	14.98	225	267766	108.887	ug/l	99
95) Naphthalene	15.10	128	2188529	102.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	653778	103.152	ug/l	100

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

