

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063526.D
 Acq On : 22 Sep 2020 12:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:38 PM

Quant Time: Sep 23 04:06:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	299606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	474673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	231728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	227825	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	7.55	113	161715	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	10.06	98	630340	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.38	95	243429	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	161685	47.635	ug/l	100
3) Chloromethane	2.04	50	193497	43.093	ug/l	99
4) Vinyl Chloride	2.16	62	188012	47.260	ug/l	97
5) Bromomethane	2.53	94	117945	49.933	ug/l	99
6) Chloroethane	2.67	64	113758	46.583	ug/l	100
7) Trichlorofluoromethane	2.98	101	293467	49.442	ug/l	98
8) Diethyl Ether	3.37	74	109785	47.447	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	165085	49.456	ug/l	98
10) Methyl Iodide	3.91	142	204324	47.015	ug/l	99
11) Tert butyl alcohol	4.72	59	145265	205.600	ug/l	99
12) 1,1-Dichloroethene	3.70	96	159297	47.115	ug/l	98
13) Acrolein	3.56	56	104391	398.691	ug/l	98
14) Allyl chloride	4.28	41	309365	46.258	ug/l	98
15) Acrylonitrile	4.93	53	422149	234.891	ug/l	99
16) Acetone	3.77	43	406641	248.091	ug/l	99
17) Carbon Disulfide	4.01	76	438881	44.626	ug/l	100
18) Methyl Acetate	4.27	43	204167	49.066	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	584350	46.373	ug/l	100
20) Methylene Chloride	4.50	84	191061	46.008	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	174611	46.614	ug/l	95
22) Diisopropyl ether	5.90	45	635303	46.578	ug/l	100
23) Vinyl Acetate	5.84	43	2634350	235.174	ug/l	100
24) 1,1-Dichloroethane	5.80	63	347075	46.609	ug/l	99
25) 2-Butanone	6.78	43	596045	236.444	ug/l	98
26) 2,2-Dichloropropane	6.78	77	310530	47.364	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	202663	47.799	ug/l	99
28) Bromochloromethane	7.15	49	150992	43.915	ug/l	96
29) Tetrahydrofuran	7.16	42	386523	224.501	ug/l	99
30) Chloroform	7.33	83	360620	48.269	ug/l	98
31) Cyclohexane	7.61	56	299396	42.505	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	320992	48.306	ug/l	100
36) 1,1-Dichloropropene	7.75	75	267213	49.904	ug/l	100
37) Ethyl Acetate	6.88	43	253102	48.162	ug/l	99
38) Carbon Tetrachloride	7.73	117	274752	50.267	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	278830	47.980	ug/l	98
40) Benzene	8.00	78	753942	49.325	ug/l	99
41) Methacrylonitrile	7.13	41	120673	51.055	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	304056	49.465	ug/l	99
43) Isopropyl Acetate	8.13	43	440006	46.825	ug/l	98
44) Trichloroethene	8.80	130	192166	51.834	ug/l	100
45) 1,2-Dichloropropane	9.08	63	204351	49.087	ug/l	99
46) Dibromomethane	9.17	93	138663	50.678	ug/l	99
47) Bromodichloromethane	9.37	83	288962	50.835	ug/l	99
48) Methyl methacrylate	9.16	41	218089	47.239	ug/l	96
49) 1,4-Dioxane	9.16	88	59058	891.399	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1312352	249.463	ug/l	100
52) Toluene	10.13	92	480114	52.243	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	323031	50.904	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	336772	50.312	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	186882	51.196	ug/l	97
56) Ethyl methacrylate	10.40	69	291479	51.150	ug/l	98
57) 1,3-Dichloropropane	10.68	76	325199	49.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	680222	227.549	ug/l	97
59) 2-Hexanone	10.72	43	985755	258.645	ug/l	100
60) Dibromochloromethane	10.87	129	215448	52.244	ug/l	99
61) 1,2-Dibromoethane	10.98	107	198296	52.288	ug/l	99
64) Tetrachloroethene	10.60	164	177174	54.816	ug/l	98
65) Chlorobenzene	11.41	112	504354	50.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	191793	51.927	ug/l	98
67) Ethyl Benzene	11.48	91	957660	50.470	ug/l	99
68) m/p-Xylenes	11.59	106	708574	103.571	ug/l	98
69) o-Xylene	11.92	106	336443	51.624	ug/l	99
70) Styrene	11.94	104	575803	52.685	ug/l	99
71) Bromoform	12.10	173	143165	52.031	ug/l #	99
73) Isopropylbenzene	12.22	105	918290	49.452	ug/l	100
74) N-amyl acetate	12.05	43	413114	46.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	272575	47.407	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	249753m	43.544	ug/l	
77) Bromobenzene	12.50	156	213071	51.010	ug/l	95
78) n-propylbenzene	12.57	91	1075006	49.704	ug/l	100
79) 2-Chlorotoluene	12.65	91	648547	50.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	781161	50.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	99044	47.343	ug/l	98
82) 4-Chlorotoluene	12.75	91	696655	50.856	ug/l	99
83) tert-Butylbenzene	12.97	119	623103	48.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	787815	50.370	ug/l	100
85) sec-Butylbenzene	13.15	105	839180	49.055	ug/l	100
86) p-Isopropyltoluene	13.26	119	758783	50.289	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	390293	50.412	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	395417	50.235	ug/l	99
89) n-Butylbenzene	13.59	91	698506	50.224	ug/l	99
90) Hexachloroethane	13.85	117	132837	46.235	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	383119	50.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62368	45.553	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	215625	48.119	ug/l	100
94) Hexachlorobutadiene	14.98	225	102215	55.099	ug/l	99
95) Naphthalene	15.10	128	674201	45.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	200467	46.301	ug/l	97

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

