

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063721.D
 Acq On : 29 Sep 2020 12:18
 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
 9/30/2020 1:20:33 PM

Quant Time: Sep 29 14:38:44 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	282978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	211937	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
35) Dibromofluoromethane	7.55	113	148541	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.06	98	554350	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.38	95	221070	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	140842	43.932	ug/l	99
3) Chloromethane	2.04	50	163239	38.490	ug/l	98
4) Vinyl Chloride	2.16	62	169626	45.143	ug/l	100
5) Bromomethane	2.52	94	112548	50.448	ug/l	97
6) Chloroethane	2.67	64	104211	45.181	ug/l	100
7) Trichlorofluoromethane	2.98	101	287025	51.199	ug/l	99
8) Diethyl Ether	3.37	74	105399	48.228	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	158411	50.245	ug/l	98
10) Methyl Iodide	3.91	142	187828	45.759	ug/l	99
11) Tert butyl alcohol	4.72	59	145162	217.527	ug/l	99
12) 1,1-Dichloroethene	3.70	96	145175	45.461	ug/l	99
13) Acrolein	3.56	56	44036	178.065	ug/l	98
14) Allyl chloride	4.28	41	285778	45.242	ug/l	95
15) Acrylonitrile	4.93	53	398363	234.681	ug/l	100
16) Acetone	3.77	43	390614	252.316	ug/l	100
17) Carbon Disulfide	4.01	76	369471	39.776	ug/l	100
18) Methyl Acetate	4.28	43	202633	51.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	577350	48.509	ug/l	95
20) Methylene Chloride	4.50	84	179134	45.670	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	162203	45.846	ug/l	97
22) Diisopropyl ether	5.90	45	609590	47.319	ug/l	99
23) Vinyl Acetate	5.84	43	2528970	239.033	ug/l	99
24) 1,1-Dichloroethane	5.79	63	334463	47.554	ug/l	100
25) 2-Butanone	6.78	43	574040	241.096	ug/l	98
26) 2,2-Dichloropropane	6.77	77	311345	50.279	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	196420	49.049	ug/l	98
28) Bromochloromethane	7.14	49	144706	44.560	ug/l	94
29) Tetrahydrofuran	7.16	42	366799	225.563	ug/l	99
30) Chloroform	7.33	83	352011	49.885	ug/l	98
31) Cyclohexane	7.61	56	272759	40.999	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	321327	51.198	ug/l	99
36) 1,1-Dichloropropene	7.75	75	250919	51.395	ug/l	99
37) Ethyl Acetate	6.88	43	245146	51.162	ug/l	99
38) Carbon Tetrachloride	7.73	117	278766	55.936	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	258626	48.810	ug/l	96
40) Benzene	8.00	78	715400	51.332	ug/l	97
41) Methacrylonitrile	7.13	41	120507	55.918	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	308884	55.112	ug/l	99
43) Isopropyl Acetate	8.12	43	430763	50.277	ug/l #	89
44) Trichloroethene	8.80	130	185489	54.874	ug/l	99
45) 1,2-Dichloropropane	9.08	63	195378	51.473	ug/l	99
46) Dibromomethane	9.17	93	135575	54.343	ug/l	97
47) Bromodichloromethane	9.37	83	293348	56.600	ug/l	99
48) Methyl methacrylate	9.17	41	212224	50.416	ug/l	96
49) 1,4-Dioxane	9.16	88	58756	972.651	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1270770	264.932	ug/l	100
52) Toluene	10.12	92	462452	55.190	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	320470	55.387	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	331630	54.338	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	187201	56.246	ug/l	99
56) Ethyl methacrylate	10.40	69	285437	54.936	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317274	52.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	610087	223.835	ug/l	95
59) 2-Hexanone	10.72	43	954411	274.651	ug/l	100
60) Dibromochloromethane	10.87	129	215998	57.446	ug/l	99
61) 1,2-Dibromoethane	10.98	107	192080	55.550	ug/l	98
64) Tetrachloroethene	10.60	164	171316	58.739	ug/l	98
65) Chlorobenzene	11.41	112	497654	54.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	188935	56.689	ug/l	96
67) Ethyl Benzene	11.48	91	923899	53.959	ug/l	100
68) m/p-Xylenes	11.59	106	685272	111.004	ug/l	98
69) o-Xylene	11.92	106	326038	55.441	ug/l	98
70) Styrene	11.94	104	567394	57.533	ug/l	99
71) Bromoform	12.10	173	149988	60.409	ug/l #	100
73) Isopropylbenzene	12.22	105	903915	52.219	ug/l	100
74) N-amyl acetate	12.04	43	399673	48.776	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	264691	49.385	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	247166m	46.229	ug/l	
77) Bromobenzene	12.50	156	217734	55.919	ug/l	92
78) n-propylbenzene	12.57	91	1057706	52.462	ug/l	99
79) 2-Chlorotoluene	12.65	91	627860	51.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	759040	52.586	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	97356	49.922	ug/l	98
82) 4-Chlorotoluene	12.75	91	657915	51.522	ug/l	98
83) tert-Butylbenzene	12.97	119	629816	52.867	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	765585	52.510	ug/l	99
85) sec-Butylbenzene	13.14	105	824975	51.734	ug/l	99
86) p-Isopropyltoluene	13.26	119	754273	53.627	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	393770	54.562	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	400225	54.545	ug/l	99
89) n-Butylbenzene	13.59	91	677553	52.262	ug/l	99
90) Hexachloroethane	13.85	117	136307	50.895	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	389054	54.909	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63280	49.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	218749	52.368	ug/l	99
94) Hexachlorobutadiene	14.98	225	109926	63.567	ug/l	98
95) Naphthalene	15.10	128	660598	47.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	210500	52.155	ug/l	98

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

