

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063958.D
 Acq On : 7 Oct 2020 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:22 AM

Quant Time: Oct 08 06:22:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	291081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222261	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	7.55	113	152939	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
50) Toluene-d8	10.06	98	577890	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	12.38	95	215707	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	129717	42.234	ug/l	98
3) Chloromethane	2.04	50	156328	43.378	ug/l	98
4) Vinyl Chloride	2.16	62	163019	45.064	ug/l	97
5) Bromomethane	2.53	94	96033	42.204	ug/l	97
6) Chloroethane	2.67	64	106693	49.357	ug/l	97
7) Trichlorofluoromethane	2.98	101	261327	45.548	ug/l	96
8) Diethyl Ether	3.38	74	94268	48.583	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	133333	43.480	ug/l	97
10) Methyl Iodide	3.91	142	152511	42.833	ug/l	100
11) Tert butyl alcohol	4.73	59	142539	268.479	ug/l	99
12) 1,1-Dichloroethene	3.70	96	135208	46.128	ug/l	94
13) Acrolein	3.57	56	72761	223.299	ug/l	99
14) Allyl chloride	4.28	41	252383	46.348	ug/l	98
15) Acrylonitrile	4.93	53	397156	261.337	ug/l	99
16) Acetone	3.78	43	360363	243.436	ug/l	98
17) Carbon Disulfide	4.01	76	353834	44.738	ug/l	100
18) Methyl Acetate	4.28	43	207296	53.934	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	535434	50.280	ug/l	99
20) Methylene Chloride	4.51	84	163261	48.154	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	150157	45.736	ug/l	96
22) Diisopropyl ether	5.90	45	595281	53.132	ug/l	99
23) Vinyl Acetate	5.85	43	2438530	262.753	ug/l	99
24) 1,1-Dichloroethane	5.80	63	311801	48.673	ug/l	97
25) 2-Butanone	6.78	43	571797	272.449	ug/l	98
26) 2,2-Dichloropropane	6.78	77	225310	38.407	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178532	47.282	ug/l	99
28) Bromochloromethane	7.15	49	156533	49.440	ug/l	99
29) Tetrahydrofuran	7.17	42	384340	273.045	ug/l	96
30) Chloroform	7.33	83	329241	49.292	ug/l	96
31) Cyclohexane	7.61	56	242940	43.516	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	297026	49.302	ug/l	98
36) 1,1-Dichloropropene	7.75	75	224805	45.526	ug/l	99
37) Ethyl Acetate	6.88	43	243550	49.644	ug/l	98
38) Carbon Tetrachloride	7.74	117	254368	45.938	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	198507	40.312	ug/l	99
40) Benzene	8.00	78	672133	47.655	ug/l	99
41) Methacrylonitrile	7.12	41	98571	45.208	ug/l #	80
42) 1,2-Dichloroethane	8.09	62	284475	47.251	ug/l	100
43) Isopropyl Acetate	8.13	43	416031	51.412	ug/l	100
44) Trichloroethene	8.80	130	168002	45.462	ug/l	100
45) 1,2-Dichloropropane	9.08	63	184409	48.413	ug/l	99
46) Dibromomethane	9.17	93	122969	46.797	ug/l	98
47) Bromodichloromethane	9.37	83	266138	49.144	ug/l	99
48) Methyl methacrylate	9.17	41	216770	54.219	ug/l	91
49) 1,4-Dioxane	9.17	88	56402	992.629	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1282067	269.975	ug/l	100
52) Toluene	10.13	92	428207	49.084	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	279193	48.094	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	292964	48.255	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	171795	49.104	ug/l	98
56) Ethyl methacrylate	10.40	69	260263	52.482	ug/l	96
57) 1,3-Dichloropropane	10.68	76	292783	49.465	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	684178	257.920	ug/l	100
59) 2-Hexanone	10.72	43	935739	265.252	ug/l	100
60) Dibromochloromethane	10.87	129	200798	49.283	ug/l	100
61) 1,2-Dibromoethane	10.98	107	180470	50.428	ug/l	99
64) Tetrachloroethene	10.60	164	152534	43.034	ug/l	98
65) Chlorobenzene	11.41	112	448625	47.737	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	177746	49.334	ug/l	99
67) Ethyl Benzene	11.49	91	832462	48.680	ug/l	99
68) m/p-Xylenes	11.59	106	610746	95.827	ug/l	100
69) o-Xylene	11.92	106	296637	49.796	ug/l	100
70) Styrene	11.94	104	510619	50.497	ug/l	99
71) Bromoform	12.10	173	139727	50.708	ug/l #	98
73) Isopropylbenzene	12.23	105	778378	48.802	ug/l	99
74) N-amyl acetate	12.05	43	374454	50.490	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	247349	50.715	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	211760m	43.930	ug/l	
77) Bromobenzene	12.50	156	197599	50.490	ug/l	99
78) n-propylbenzene	12.57	91	882344	47.534	ug/l	100
79) 2-Chlorotoluene	12.65	91	563316	49.344	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	658282	49.196	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	81662	48.793	ug/l	96
82) 4-Chlorotoluene	12.75	91	579737	48.918	ug/l	99
83) tert-Butylbenzene	12.97	119	529663	48.392	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	669092	50.083	ug/l	98
85) sec-Butylbenzene	13.15	105	682902	47.503	ug/l	99
86) p-Isopropyltoluene	13.26	119	620112	48.759	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	342858	48.424	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	346089	46.946	ug/l	99
89) n-Butylbenzene	13.59	91	510998	43.533	ug/l	99
90) Hexachloroethane	13.85	117	119246	48.387	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	350471	49.976	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54748	47.865	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165614	43.658	ug/l	99
94) Hexachlorobutadiene	14.98	225	90382	47.537	ug/l	98
95) Naphthalene	15.10	128	505382	43.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	164850	44.742	ug/l	99

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

