

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063500.D
 Acq On : 21 Sep 2020 20:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:07:26 PM

Quant Time: Sep 22 04:34:22 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	7.63	168	281688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	219606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	225961	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	7.55	113	163990	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.06	98	621369	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.38	95	240037	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	145949	45.734	ug/l	100
3) Chloromethane	2.04	50	183720	43.518	ug/l	98
4) Vinyl Chloride	2.17	62	183973	49.186	ug/l	100
5) Bromomethane	2.53	94	115526	52.020	ug/l	98
6) Chloroethane	2.68	64	110216	48.004	ug/l	96
7) Trichlorofluoromethane	2.99	101	280874	50.331	ug/l	98
8) Diethyl Ether	3.38	74	104681	48.119	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	152298	48.527	ug/l	98
10) Methyl Iodide	3.92	142	205443	50.280	ug/l	99
11) Tert butyl alcohol	4.72	59	128143	192.903	ug/l	100
12) 1,1-Dichloroethene	3.70	96	151812	47.758	ug/l	95
13) Acrolein	3.57	56	113740	462.028	ug/l	100
14) Allyl chloride	4.28	41	290404	46.185	ug/l	98
15) Acrylonitrile	4.93	53	390460	231.079	ug/l	100
16) Acetone	3.77	43	340371	220.869	ug/l	99
17) Carbon Disulfide	4.02	76	415056	44.888	ug/l	100
18) Methyl Acetate	4.28	43	197340	50.442	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	555995	46.929	ug/l	98
20) Methylene Chloride	4.51	84	184414	47.232	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	165950	47.120	ug/l	96
22) Diisopropyl ether	5.90	45	604452	47.135	ug/l	99
23) Vinyl Acetate	5.84	43	2461785	233.748	ug/l	99
24) 1,1-Dichloroethane	5.80	63	333354	47.614	ug/l	99
25) 2-Butanone	6.78	43	525145	221.570	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262893	42.649	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	196620	49.324	ug/l	98
28) Bromochloromethane	7.15	49	148698	45.999	ug/l	97
29) Tetrahydrofuran	7.16	42	356223	220.063	ug/l	99
30) Chloroform	7.33	83	341619	48.634	ug/l	100
31) Cyclohexane	7.61	56	282830	42.707	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	303783	48.624	ug/l	99
36) 1,1-Dichloropropene	7.75	75	253387	47.007	ug/l	99
37) Ethyl Acetate	6.88	43	232427	43.933	ug/l	98
38) Carbon Tetrachloride	7.74	117	257832	46.857	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	255485	43.670	ug/l	98
40) Benzene	8.00	78	730210	47.455	ug/l	99
41) Methacrylonitrile	7.13	41	106152m	44.612	ug/l	
42) 1,2-Dichloroethane	8.09	62	292303	47.236	ug/l	99
43) Isopropyl Acetate	8.13	43	407771	43.106	ug/l #	89
44) Trichloroethene	8.80	130	177498	47.559	ug/l	96
45) 1,2-Dichloropropane	9.08	63	197780	47.193	ug/l	99
46) Dibromomethane	9.17	93	131319	47.674	ug/l	98
47) Bromodichloromethane	9.37	83	275117	48.077	ug/l	98
48) Methyl methacrylate	9.17	41	204990	44.106	ug/l	96
49) 1,4-Dioxane	9.16	88	53545	802.810	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1188265	224.373	ug/l	100
52) Toluene	10.13	92	454484	49.125	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	303813	47.557	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	314929	46.736	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	181048	49.268	ug/l	98
56) Ethyl methacrylate	10.40	69	270968	47.234	ug/l	99
57) 1,3-Dichloropropane	10.68	76	304841	46.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	692509	230.118	ug/l	98
59) 2-Hexanone	10.72	43	852883	222.292	ug/l	99
60) Dibromochloromethane	10.87	129	203747	49.078	ug/l	98
61) 1,2-Dibromoethane	10.98	107	186975	48.975	ug/l	100
64) Tetrachloroethene	10.60	164	157518	49.675	ug/l	97
65) Chlorobenzene	11.41	112	475849	48.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178826	49.351	ug/l	99
67) Ethyl Benzene	11.48	91	894276	48.039	ug/l	99
68) m/p-Xylenes	11.59	106	646834	96.371	ug/l	100
69) o-Xylene	11.92	106	316321	49.473	ug/l	98
70) Styrene	11.94	104	538094	50.185	ug/l	99
71) Bromoform	12.10	173	132675	49.149	ug/l #	100
73) Isopropylbenzene	12.23	105	849541	48.275	ug/l	99
74) N-amyl acetate	12.05	43	372768	44.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	247506	45.423	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	247537m	45.540	ug/l	
77) Bromobenzene	12.50	156	201051	50.789	ug/l	94
78) n-propylbenzene	12.57	91	979094	47.768	ug/l	100
79) 2-Chlorotoluene	12.65	91	592922	48.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	712440	48.550	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	86870	43.816	ug/l	98
82) 4-Chlorotoluene	12.75	91	623798	48.051	ug/l	100
83) tert-Butylbenzene	12.97	119	579392	47.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	725800	48.966	ug/l	100
85) sec-Butylbenzene	13.15	105	762388	47.026	ug/l	99
86) p-Isopropyltoluene	13.26	119	686830	48.033	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	357075	48.667	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	362563	48.604	ug/l	99
89) n-Butylbenzene	13.59	91	613992	46.584	ug/l	100
90) Hexachloroethane	13.85	117	124581	45.755	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	347586	48.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58018	44.714	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	195346	46.000	ug/l	100
94) Hexachlorobutadiene	14.98	225	85753	48.777	ug/l	96
95) Naphthalene	15.10	128	648922	46.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	186915	45.554	ug/l	97

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

