

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063932.D
 Acq On : 7 Oct 2020 7:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:12:26 PM

Quant Time: Oct 07 08:16:09 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	257515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219932	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.55	113	152172	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.06	98	551814	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.38	95	208036	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125776	46.289	ug/l	97
3) Chloromethane	2.04	50	150959	47.348	ug/l	99
4) Vinyl Chloride	2.16	62	146941	45.914	ug/l	100
5) Bromomethane	2.52	94	89250	44.336	ug/l	100
6) Chloroethane	2.67	64	100214	52.403	ug/l	100
7) Trichlorofluoromethane	2.98	101	243206	47.915	ug/l	95
8) Diethyl Ether	3.38	74	87075	50.725	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	122561	45.177	ug/l	98
10) Methyl Iodide	3.91	142	160091	50.823	ug/l	100
11) Tert butyl alcohol	4.73	59	132839	282.822	ug/l	99
12) 1,1-Dichloroethene	3.70	96	125035	48.218	ug/l	98
13) Acrolein	3.57	56	138558	480.653	ug/l	100
14) Allyl chloride	4.28	41	224257	46.550	ug/l	99
15) Acrylonitrile	4.93	53	377978	281.137	ug/l	100
16) Acetone	3.77	43	360426	275.214	ug/l	98
17) Carbon Disulfide	4.01	76	333168	47.571	ug/l	99
18) Methyl Acetate	4.27	43	197938	58.212	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	498653	52.930	ug/l	100
20) Methylene Chloride	4.51	84	155766	51.924	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	142207	48.960	ug/l	98
22) Diisopropyl ether	5.90	45	559256	56.424	ug/l	98
23) Vinyl Acetate	5.84	43	2280525	277.757	ug/l	99
24) 1,1-Dichloroethane	5.80	63	294900	52.036	ug/l	99
25) 2-Butanone	6.78	43	543432	292.684	ug/l	99
26) 2,2-Dichloropropane	6.78	77	173563	33.442	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	166685	49.898	ug/l	96
28) Bromochloromethane	7.15	49	152957	54.607	ug/l	100
29) Tetrahydrofuran	7.16	42	362550	291.138	ug/l	97
30) Chloroform	7.33	83	308719	52.244	ug/l	96
31) Cyclohexane	7.61	56	220410	44.626	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	279490	52.438	ug/l	99
36) 1,1-Dichloropropene	7.75	75	209501	47.748	ug/l	99
37) Ethyl Acetate	6.88	43	230436	52.862	ug/l	99
38) Carbon Tetrachloride	7.74	117	235713	47.909	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	180103	41.162	ug/l	99
40) Benzene	8.00	78	626203	49.968	ug/l	98
41) Methacrylonitrile	7.13	41	113160	58.408	ug/l	95
42) 1,2-Dichloroethane	8.09	62	276361	51.661	ug/l	98
43) Isopropyl Acetate	8.13	43	392729	54.619	ug/l	99
44) Trichloroethene	8.80	130	156852	47.768	ug/l	100
45) 1,2-Dichloropropane	9.08	63	175243	51.777	ug/l	98
46) Dibromomethane	9.17	93	115719	49.562	ug/l	98
47) Bromodichloromethane	9.37	83	254358	52.859	ug/l	99
48) Methyl methacrylate	9.16	41	204287	57.506	ug/l	91
49) 1,4-Dioxane	9.16	88	52914	1048.047	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1218898	288.867	ug/l	99
52) Toluene	10.13	92	397813	51.320	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	250419	48.548	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	262839	48.724	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	159913	51.441	ug/l	99
56) Ethyl methacrylate	10.40	69	240776	54.642	ug/l	95
57) 1,3-Dichloropropane	10.68	76	280198	53.277	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	651738	276.508	ug/l	99
59) 2-Hexanone	10.72	43	886911	282.945	ug/l	99
60) Dibromochloromethane	10.87	129	188840	52.161	ug/l	100
61) 1,2-Dibromoethane	10.98	107	165877	52.164	ug/l	98
64) Tetrachloroethene	10.60	164	148231	46.580	ug/l	99
65) Chlorobenzene	11.41	112	419884	49.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	167502	51.782	ug/l	98
67) Ethyl Benzene	11.48	91	761637	49.607	ug/l	98
68) m/p-Xylenes	11.60	106	558943	97.681	ug/l	98
69) o-Xylene	11.92	106	271220	50.711	ug/l	98
70) Styrene	11.94	104	470638	51.840	ug/l	99
71) Bromoform	12.10	173	129925	52.517	ug/l #	98
73) Isopropylbenzene	12.23	105	707955	48.093	ug/l	99
74) N-amyl acetate	12.05	43	348574	50.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	233760	51.930	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	216535m	48.672	ug/l	
77) Bromobenzene	12.50	156	180938	50.093	ug/l	99
78) n-propylbenzene	12.57	91	805231	47.002	ug/l	100
79) 2-Chlorotoluene	12.65	91	508329	48.245	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	605142	49.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	67498	43.697	ug/l	93
82) 4-Chlorotoluene	12.75	91	542241	49.575	ug/l	100
83) tert-Butylbenzene	12.97	119	482127	47.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	611244	49.573	ug/l	99
85) sec-Butylbenzene	13.15	105	622769	46.937	ug/l	99
86) p-Isopropyltoluene	13.26	119	551905	47.020	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	318942	48.808	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	322352	47.377	ug/l	99
89) n-Butylbenzene	13.59	91	453385	41.850	ug/l	99
90) Hexachloroethane	13.85	117	108289	47.610	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	325413	50.277	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53050	50.253	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	151687	43.339	ug/l	98
94) Hexachlorobutadiene	14.98	225	80807	46.051	ug/l	99
95) Naphthalene	15.10	128	474009	43.777	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	151887	44.668	ug/l	100

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

