

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063303.D
 Acq On : 10 Sep 2020 18:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:37 PM

Quant Time: Sep 11 06:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	446669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	793341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	716414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	339334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	362084	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.55	113	265544	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.06	98	1026576	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.38	95	378323	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	202828	47.281	ug/l	98
3) Chloromethane	2.04	50	301134	53.800	ug/l	99
4) Vinyl Chloride	2.16	62	306283	50.465	ug/l	97
5) Bromomethane	2.53	94	199222	47.049	ug/l	98
6) Chloroethane	2.67	64	198524	50.004	ug/l	97
7) Trichlorofluoromethane	2.99	101	456189	48.606	ug/l	97
8) Diethyl Ether	3.37	74	167661	50.099	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	241370	49.224	ug/l	99
10) Methyl Iodide	3.91	142	332664	52.336	ug/l	98
11) Tert butyl alcohol	4.73	59	237390	255.851	ug/l	99
12) 1,1-Dichloroethene	3.70	96	242370	49.516	ug/l	99
13) Acrolein	3.57	56	109454	220.760	ug/l	99
14) Allyl chloride	4.28	41	484848	48.253	ug/l	99
15) Acrylonitrile	4.93	53	657618	259.224	ug/l	100
16) Acetone	3.77	43	577602	238.357	ug/l	98
17) Carbon Disulfide	4.01	76	693017	50.023	ug/l	100
18) Methyl Acetate	4.28	43	311070	51.065	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	894395	51.137	ug/l	99
20) Methylene Chloride	4.51	84	295627	53.678	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	270193	49.327	ug/l	99
22) Diisopropyl ether	5.90	45	1014771	51.318	ug/l	95
23) Vinyl Acetate	5.84	43	4182229	268.699	ug/l	100
24) 1,1-Dichloroethane	5.80	63	544202	50.819	ug/l	99
25) 2-Butanone	6.78	43	925815	258.636	ug/l	99
26) 2,2-Dichloropropane	6.78	77	436452	46.501	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	319303	50.018	ug/l	96
28) Bromochloromethane	7.15	49	254289	48.971	ug/l	99
29) Tetrahydrofuran	7.17	42	608160	260.921	ug/l	99
30) Chloroform	7.33	83	542806	50.626	ug/l	98
31) Cyclohexane	7.62	56	477251	48.487	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	469248	50.205	ug/l	99
36) 1,1-Dichloropropene	7.76	75	409078	50.165	ug/l	100
37) Ethyl Acetate	6.88	43	404575	50.429	ug/l	99
38) Carbon Tetrachloride	7.73	117	408037	50.841	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	436958	49.117	ug/l	98
40) Benzene	8.00	78	1183216	50.801	ug/l	100
41) Methacrylonitrile	7.12	41	189713	52.279	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	453283	51.295	ug/l	100
43) Isopropyl Acetate	8.13	43	707722	52.091	ug/l #	92
44) Trichloroethene	8.80	130	312429	51.293	ug/l	99
45) 1,2-Dichloropropane	9.09	63	325605	50.966	ug/l	99
46) Dibromomethane	9.18	93	210569	50.828	ug/l	99
47) Bromodichloromethane	9.37	83	435062	50.393	ug/l	97
48) Methyl methacrylate	9.17	41	333505	51.446	ug/l	99
49) 1,4-Dioxane	9.17	88	98070	977.074	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	2033055	271.531	ug/l	100
52) Toluene	10.13	92	729450	51.296	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	482469	51.247	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	511507	50.461	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	280678	50.370	ug/l	95
56) Ethyl methacrylate	10.40	69	452781	53.434	ug/l	98
57) 1,3-Dichloropropane	10.68	76	502289	51.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1117789	245.924	ug/l	100
59) 2-Hexanone	10.72	43	1462945	264.930	ug/l	100
60) Dibromochloromethane	10.87	129	317725	51.924	ug/l	99
61) 1,2-Dibromoethane	10.98	107	294862	50.758	ug/l	100
64) Tetrachloroethene	10.60	164	305690	52.087	ug/l	99
65) Chlorobenzene	11.41	112	770636	49.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	281832	50.154	ug/l	98
67) Ethyl Benzene	11.49	91	1432378	51.732	ug/l	98
68) m/p-Xylenes	11.60	106	1051870	102.702	ug/l	98
69) o-Xylene	11.92	106	507828	51.666	ug/l	100
70) Styrene	11.94	104	854755	52.323	ug/l	99
71) Bromoform	12.10	173	201857	51.936	ug/l #	99
73) Isopropylbenzene	12.23	105	1362054	49.763	ug/l	100
74) N-amyl acetate	12.05	43	622892	55.432	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	380648	48.560	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	349396m	46.672	ug/l	
77) Bromobenzene	12.50	156	309411	49.180	ug/l	99
78) n-propylbenzene	12.57	91	1594519	51.281	ug/l	100
79) 2-Chlorotoluene	12.65	91	948132	49.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1148122	50.518	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	138919	49.858	ug/l	98
82) 4-Chlorotoluene	12.75	91	990020	49.400	ug/l	99
83) tert-Butylbenzene	12.97	119	947495	49.157	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1161836	50.718	ug/l	100
85) sec-Butylbenzene	13.15	105	1256104	51.223	ug/l	99
86) p-Isopropyltoluene	13.26	119	1146521	50.999	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	566509	49.254	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	569763	51.840	ug/l	99
89) n-Butylbenzene	13.59	91	1046065	51.545	ug/l	99
90) Hexachloroethane	13.85	117	194314	52.546	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	562215	49.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	90238	50.623	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	327539	49.224	ug/l	100
94) Hexachlorobutadiene	14.98	225	123771	51.644	ug/l	99
95) Naphthalene	15.11	128	1037137	51.873	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	311690	52.235	ug/l	99

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

