

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063293.D
 Acq On : 10 Sep 2020 13:56
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:27 PM

Quant Time: Sep 10 14:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	463546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	839175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	753436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	352128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	363214	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.55	113	270522	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.06	98	1038298	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.38	95	382249	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	216815	47.969	ug/l	100
3) Chloromethane	2.04	50	307528	46.749	ug/l	100
4) Vinyl Chloride	2.17	62	316971	44.457	ug/l	100
5) Bromomethane	2.53	94	214242	37.249	ug/l	100
6) Chloroethane	2.68	64	203503	37.332	ug/l	100
7) Trichlorofluoromethane	2.99	101	480783	44.666	ug/l	100
8) Diethyl Ether	3.38	74	169962	48.732	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	251838	50.716	ug/l	100
10) Methyl Iodide	3.91	142	347264	51.621	ug/l	100
11) Tert butyl alcohol	4.73	59	245105	266.839	ug/l	100
12) 1,1-Dichloroethene	3.70	96	248200	49.415	ug/l	100
13) Acrolein	3.57	56	117673	344.140	ug/l	100
14) Allyl chloride	4.28	41	508473	56.175	ug/l	100
15) Acrylonitrile	4.93	53	669842	281.957	ug/l	100
16) Acetone	3.77	43	599235	276.498	ug/l	100
17) Carbon Disulfide	4.01	76	735394	49.098	ug/l	100
18) Methyl Acetate	4.28	43	306898	55.545	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	908634	49.066	ug/l	100
20) Methylene Chloride	4.51	84	291550	45.299	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	275339	49.905	ug/l	100
22) Diisopropyl ether	5.90	45	1037873	51.722	ug/l	100
23) Vinyl Acetate	5.84	43	4342202	271.998	ug/l	100
24) 1,1-Dichloroethane	5.80	63	550941	50.027	ug/l	100
25) 2-Butanone	6.78	43	943062	283.081	ug/l	100
26) 2,2-Dichloropropane	6.78	77	479633	47.984	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	322795	48.133	ug/l	100
28) Bromochloromethane	7.15	49	258522	45.850	ug/l	100
29) Tetrahydrofuran	7.17	42	626929	273.316	ug/l	100
30) Chloroform	7.33	83	559484	48.744	ug/l	100
31) Cyclohexane	7.61	56	496385	47.958	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	485498	49.234	ug/l	100
36) 1,1-Dichloropropene	7.75	75	423487	52.458	ug/l	100
37) Ethyl Acetate	6.88	43	413411	59.790	ug/l	100
38) Carbon Tetrachloride	7.74	117	423347	51.872	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	462001	51.208	ug/l	100
40) Benzene	8.00	78	1219805	51.773	ug/l	100
41) Methacrylonitrile	7.14	41	197476m	56.630	ug/l	
42) 1,2-Dichloroethane	8.09	62	466797	52.807	ug/l	100
43) Isopropyl Acetate	8.13	43	720880	54.820	ug/l	100
44) Trichloroethene	8.80	130	320530	55.260	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335436	53.311	ug/l	100
46) Dibromomethane	9.17	93	213220	51.745	ug/l	100
47) Bromodichloromethane	9.37	83	450984	51.134	ug/l	100
48) Methyl methacrylate	9.17	41	343546	57.699	ug/l	100
49) 1,4-Dioxane	9.17	88	98864	1079.272	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	2060587	288.083	ug/l	100
52) Toluene	10.13	92	745927	51.023	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	503351	52.391	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	543178	53.289	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	292078	52.036	ug/l	100
56) Ethyl methacrylate	10.40	69	462387	54.023	ug/l	100
57) 1,3-Dichloropropane	10.68	76	516823	51.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1138217	258.559	ug/l	100
59) 2-Hexanone	10.72	43	1510393	299.309	ug/l	100
60) Dibromochloromethane	10.87	129	328891	53.021	ug/l	100
61) 1,2-Dibromoethane	10.98	107	302607	52.100	ug/l	100
64) Tetrachloroethene	10.60	164	303453	54.893	ug/l	100
65) Chlorobenzene	11.41	112	793348	52.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	293757	52.527	ug/l	100
67) Ethyl Benzene	11.49	91	1477933	53.513	ug/l	100
68) m/p-Xylenes	11.60	106	1066037	104.566	ug/l	100
69) o-Xylene	11.92	106	518935	52.676	ug/l	100
70) Styrene	11.94	104	883773	52.366	ug/l	100
71) Bromoform	12.10	173	209224	54.784	ug/l	# 100
73) Isopropylbenzene	12.23	105	1395919	52.124	ug/l	100
74) N-amyl acetate	12.05	43	628491	56.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	392698	51.025	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	380321m	50.499	ug/l	
77) Bromobenzene	12.50	156	315547	51.844	ug/l	100
78) n-propylbenzene	12.57	91	1638307	52.869	ug/l	100
79) 2-Chlorotoluene	12.65	91	971857	52.222	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1184184	52.892	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	146190	51.623	ug/l	100
82) 4-Chlorotoluene	12.75	91	1007188	52.237	ug/l	100
83) tert-Butylbenzene	12.97	119	974272	50.983	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1195667	52.989	ug/l	100
85) sec-Butylbenzene	13.15	105	1287122	51.923	ug/l	100
86) p-Isopropyltoluene	13.26	119	1172533	53.147	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	582960	52.269	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	582752	50.647	ug/l	100
89) n-Butylbenzene	13.59	91	1070927	52.469	ug/l	100
90) Hexachloroethane	13.85	117	203016	49.911	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	575346	53.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	93869	54.468	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	336298	54.962	ug/l	100
94) Hexachlorobutadiene	14.98	225	128788	55.690	ug/l	100
95) Naphthalene	15.10	128	1076183	53.750	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	320098	53.704	ug/l	100

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

