

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063150.D
 Acq On : 31 Aug 2020 14:11
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:07:16 AM

Quant Time: Sep 01 03:11:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	409186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	793487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	739856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	341108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	355184	59.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.64%	
35) Dibromofluoromethane	7.55	113	266725	41.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.12%	
50) Toluene-d8	10.06	98	1021527	43.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.22%	
62) 4-Bromofluorobenzene	12.38	95	363186	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	203379	45.916	ug/l	100
3) Chloromethane	2.03	50	289788	50.690	ug/l	100
4) Vinyl Chloride	2.17	62	336263	54.524	ug/l	100
5) Bromomethane	2.54	94	283908	66.909	ug/l	100
6) Chloroethane	2.68	64	282188	66.393	ug/l	100
7) Trichlorofluoromethane	2.98	101	483917	56.490	ug/l	100
8) Diethyl Ether	3.37	74	156829	53.525	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	229042	45.245	ug/l	100
10) Methyl Iodide	3.92	142	324217	48.207	ug/l	100
11) Tert butyl alcohol	4.73	59	229162	453.711	ug/l	100
12) 1,1-Dichloroethene	3.70	96	235779	51.959	ug/l	100
13) Acrolein	3.57	56	80556	302.417	ug/l	100
14) Allyl chloride	4.28	41	443782	60.362	ug/l	100
15) Acrylonitrile	4.93	53	613889	327.322	ug/l	100
16) Acetone	3.77	43	511576	323.541	ug/l	100
17) Carbon Disulfide	4.01	76	691401	50.889	ug/l	100
18) Methyl Acetate	4.28	43	270374	47.922	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	894270	68.179	ug/l	100
20) Methylene Chloride	4.50	84	284068	50.134	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	269939	55.633	ug/l	100
22) Diisopropyl ether	5.90	45	962436	64.076	ug/l	100
23) Vinyl Acetate	5.84	43	4079931	371.582	ug/l	100
24) 1,1-Dichloroethane	5.80	63	524860	55.345	ug/l	100
25) 2-Butanone	6.78	43	837750	365.512	ug/l	100
26) 2,2-Dichloropropane	6.78	77	453607	60.159	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	317594	59.158	ug/l	100
28) Bromochloromethane	7.15	49	278858	63.814	ug/l	100
29) Tetrahydrofuran	7.16	42	569962	390.690	ug/l	100
30) Chloroform	7.33	83	545816	55.996	ug/l	100
31) Cyclohexane	7.61	56	448248	50.578	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	481231	56.792	ug/l	100
36) 1,1-Dichloropropene	7.75	75	398864	45.992	ug/l	100
37) Ethyl Acetate	6.88	43	384718	61.056	ug/l	100
38) Carbon Tetrachloride	7.74	117	406008	43.655	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	448477	49.432	ug/l	100
40) Benzene	8.00	78	1194979	45.171	ug/l	100
41) Methacrylonitrile	7.13	41	178804	57.070	ug/l	100
42) 1,2-Dichloroethane	8.08	62	445934	49.860	ug/l	100
43) Isopropyl Acetate	8.13	43	683596	61.973	ug/l	100
44) Trichloroethene	8.80	130	288862	42.039	ug/l	100
45) 1,2-Dichloropropane	9.08	63	312873	43.942	ug/l	100
46) Dibromomethane	9.17	93	212681	47.573	ug/l	100
47) Bromodichloromethane	9.37	83	453750	48.865	ug/l	100
48) Methyl methacrylate	9.17	41	318305	58.444	ug/l	100
49) 1,4-Dioxane	9.17	88	94241	1218.500	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1943761	316.557	ug/l	100
52) Toluene	10.13	92	747481	47.487	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	517124	55.311	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	526190	51.744	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	288293	44.152	ug/l	100
56) Ethyl methacrylate	10.40	69	450838	57.783	ug/l	100
57) 1,3-Dichloropropane	10.68	76	519334	49.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1154155	319.079	ug/l	100
59) 2-Hexanone	10.72	43	1397348	335.339	ug/l	100
60) Dibromochloromethane	10.87	129	325116	45.574	ug/l	100
61) 1,2-Dibromoethane	10.98	107	306304	49.770	ug/l	100
64) Tetrachloroethene	10.60	164	263324	40.653	ug/l	100
65) Chlorobenzene	11.41	112	786512	43.209	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	300750	42.581	ug/l	100
67) Ethyl Benzene	11.49	91	1470546	49.302	ug/l	100
68) m/p-Xylenes	11.59	106	1081171	96.713	ug/l	100
69) o-Xylene	11.92	106	525340	48.771	ug/l	100
70) Styrene	11.94	104	910845	51.948	ug/l	100
71) Bromoform	12.10	173	206786	41.686	ug/l #	100
73) Isopropylbenzene	12.23	105	1418214	53.893	ug/l	100
74) N-amyl acetate	12.05	43	607455	71.059	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	406653	51.209	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	360395m	54.656	ug/l	
77) Bromobenzene	12.50	156	311945	44.127	ug/l	100
78) n-propylbenzene	12.57	91	1663944	55.505	ug/l	100
79) 2-Chlorotoluene	12.65	91	972890	53.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1173724	55.674	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	149023	67.624	ug/l	100
82) 4-Chlorotoluene	12.75	91	1014132	54.893	ug/l	100
83) tert-Butylbenzene	12.97	119	993175	53.872	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1185886	55.697	ug/l	100
85) sec-Butylbenzene	13.15	105	1344996	55.087	ug/l	100
86) p-Isopropyltoluene	13.27	119	1207289	57.655	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	584392	47.105	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	597239	47.679	ug/l	100
89) n-Butylbenzene	13.59	91	1095066	62.146	ug/l	100
90) Hexachloroethane	13.85	117	214682	46.170	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	575303	47.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	87583	66.900	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	315531	55.796	ug/l	100
94) Hexachlorobutadiene	14.98	225	113131	29.721	ug/l	100
95) Naphthalene	15.11	128	1122304	81.454	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	300346	51.343	ug/l	100

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

