

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061421.D
 Acq On : 15 May 2020 21:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: May 16 02:53:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	175361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	328017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	131449	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.55	113	80363	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
50) Toluene-d8	10.06	98	398625	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.38	95	149971	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	68781	39.159	ug/l 100
3) Chloromethane	2.03	50	131716	57.100	ug/l 100
4) Vinyl Chloride	2.16	62	208858	74.304	ug/l 100
5) Bromomethane	2.54	94	115942	78.790	ug/l 100
6) Chloroethane	2.67	64	141924	78.073	ug/l 100
7) Trichlorofluoromethane	2.98	101	226103	71.650	ug/l 100
8) Diethyl Ether	3.37	74	54830	46.626	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	77715	42.985	ug/l 100
10) Methyl Iodide	3.91	142	98666	42.854	ug/l 100
11) Tert butyl alcohol	4.73	59	38169	115.893	ug/l 100
12) 1,1-Dichloroethene	3.70	96	84366	46.321	ug/l 100
13) Acrolein	3.57	56	52682	217.323	ug/l 100
14) Allyl chloride	4.27	41	143521	43.616	ug/l 100
15) Acrylonitrile	4.93	53	209789	193.468	ug/l 100
16) Acetone	3.77	43	129458	98.980	ug/l 100
17) Carbon Disulfide	4.01	76	204423	41.603	ug/l 100
18) Methyl Acetate	4.28	43	82942	23.463	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	331867	47.402	ug/l 100
20) Methylene Chloride	4.50	84	100469	47.016	ug/l 100
21) trans-1,2-Dichloroethene	4.99	96	99984	49.889	ug/l 100
22) Diisopropyl ether	5.90	45	342234	44.134	ug/l 100
23) Vinyl Acetate	5.84	43	1405019	225.342	ug/l 100
24) 1,1-Dichloroethane	5.80	63	195877	47.631	ug/l 100
25) 2-Butanone	6.79	43	258605	168.759	ug/l 100
26) 2,2-Dichloropropane	6.78	77	157754	45.376	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	121255	51.098	ug/l 100
28) Bromochloromethane	7.15	49	94642	47.905	ug/l 100
29) Tetrahydrofuran	7.17	42	182904	176.355	ug/l 100
30) Chloroform	7.33	83	204049	48.692	ug/l 100
31) Cyclohexane	7.62	56	184099	46.092	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	185797	50.613	ug/l 100
36) 1,1-Dichloropropene	7.75	75	155817	47.944	ug/l 100
37) Ethyl Acetate	6.88	43	129878	35.690	ug/l 100
38) Carbon Tetrachloride	7.73	117	142613	54.290	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	193972	52.377	ug/l	100
40) Benzene	8.00	78	469132	48.208	ug/l	100
41) Methacrylonitrile	7.13	41	68256	43.461	ug/l	100
42) 1,2-Dichloroethane	8.09	62	170811	46.746	ug/l	100
43) Isopropyl Acetate	8.13	43	252715	41.008	ug/l	100
44) Trichloroethene	8.80	130	121934	46.584	ug/l	100
45) 1,2-Dichloropropane	9.08	63	121204	46.945	ug/l	100
46) Dibromomethane	9.17	93	82260	50.978	ug/l	100
47) Bromodichloromethane	9.37	83	171569	49.577	ug/l	100
48) Methyl methacrylate	9.17	41	115685	41.712	ug/l	100
49) 1,4-Dioxane	9.17	88	12260	412.090	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	700695	196.006	ug/l	100
52) Toluene	10.13	92	307898	52.083	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	193537	49.629	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	200448	48.667	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	115128	49.149	ug/l	100
56) Ethyl methacrylate	10.40	69	188214	53.279	ug/l	100
57) 1,3-Dichloropropane	10.68	76	201088	49.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	407668	220.206	ug/l	100
59) 2-Hexanone	10.72	43	483481	187.613	ug/l	100
60) Dibromochloromethane	10.88	129	127255	51.543	ug/l	100
61) 1,2-Dibromoethane	10.98	107	120202	51.139	ug/l	100
64) Tetrachloroethene	10.60	164	120161	44.611	ug/l	100
65) Chlorobenzene	11.41	112	315631	50.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	117020	51.810	ug/l	100
67) Ethyl Benzene	11.48	91	606927	51.490	ug/l	100
68) m/p-Xylenes	11.60	106	456069	105.390	ug/l	100
69) o-Xylene	11.92	106	217967	52.434	ug/l	100
70) Styrene	11.94	104	381080	54.557	ug/l	100
71) Bromoform	12.10	173	82110	50.150	ug/l	# 100
73) Isopropylbenzene	12.23	105	587072	51.665	ug/l	100
74) N-amyl acetate	12.05	43	234781	42.434	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	159797	46.008	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	147194m	46.026	ug/l	
77) Bromobenzene	12.50	156	126371	48.692	ug/l	100
78) n-propylbenzene	12.57	91	691063	51.444	ug/l	100
79) 2-Chlorotoluene	12.65	91	400703	50.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	503162	53.346	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	57797	46.111	ug/l	100
82) 4-Chlorotoluene	12.75	91	422782	50.784	ug/l	100
83) tert-Butylbenzene	12.97	119	409647	51.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	503246	51.946	ug/l	100
85) sec-Butylbenzene	13.15	105	570964	52.822	ug/l	100
86) p-Isopropyltoluene	13.26	119	512405	52.632	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	238162	49.738	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	239995	48.964	ug/l	100
89) n-Butylbenzene	13.59	91	469686	52.708	ug/l	100
90) Hexachloroethane	13.85	117	67716	70.653	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	228453	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	33378	46.023	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	128198	46.581	ug/l	100
94) Hexachlorobutadiene	14.98	225	49748	43.690	ug/l	100
95) Naphthalene	15.11	128	419194	46.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	123926	45.650	ug/l	100

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

