

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060069.D
 Acq On : 12 Feb 2020 12:27
 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
 2/13/2020 10:37:10 AM

Quant Time: Feb 12 14:03:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 12:49:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152904	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	121213	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	7.57	113	99500	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
50) Toluene-d8	10.08	98	383998	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	141225	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	102142	51.192	ug/l	100
3) Chloromethane	2.04	50	117914	48.779	ug/l	100
4) Vinyl Chloride	2.17	62	135579	49.430	ug/l	100
5) Bromomethane	2.54	94	78808	43.324	ug/l	100
6) Chloroethane	2.68	64	65289	47.308	ug/l	100
7) Trichlorofluoromethane	3.00	101	169033	47.911	ug/l	100
8) Diethyl Ether	3.39	74	57544	49.977	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94248	48.060	ug/l	100
10) Methyl Iodide	3.93	142	128299	58.062	ug/l	100
11) Tert butyl alcohol	4.73	59	92214	262.918	ug/l	100
12) 1,1-Dichloroethene	3.72	96	92252	49.172	ug/l	100
13) Acrolein	3.58	56	89565	264.382	ug/l	100
14) Allyl chloride	4.29	41	130469	46.657	ug/l	100
15) Acrylonitrile	4.94	53	231634	273.177	ug/l	100
16) Acetone	3.78	43	280430	313.847	ug/l	100
17) Carbon Disulfide	4.03	76	274388	48.044	ug/l	100
18) Methyl Acetate	4.29	43	102028	52.603	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	311139	49.233	ug/l	100
20) Methylene Chloride	4.52	84	102727	48.397	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	101756	55.369	ug/l	100
22) Diisopropyl ether	5.91	45	299184	50.121	ug/l	100
23) Vinyl Acetate	5.86	43	1300925	262.843	ug/l	100
24) 1,1-Dichloroethane	5.82	63	181233	49.156	ug/l	100
25) 2-Butanone	6.80	43	355523	276.608	ug/l	100
26) 2,2-Dichloropropane	6.80	77	172970	49.247	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	117693	55.255	ug/l	100
28) Bromochloromethane	7.17	49	71888	55.794	ug/l	100
29) Tetrahydrofuran	7.18	42	206844	260.324	ug/l	100
30) Chloroform	7.35	83	191387	49.516	ug/l	100
31) Cyclohexane	7.63	56	164249	46.521	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	176294	50.048	ug/l	100
36) 1,1-Dichloropropene	7.77	75	143765	49.205	ug/l	100
37) Ethyl Acetate	6.90	43	132386	51.601	ug/l	100
38) Carbon Tetrachloride	7.75	117	155374	49.015	ug/l	100

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39) Methylcyclohexane	9.06	83	176984	48.885	ug/l	100
40) Benzene	8.02	78	422257	48.339	ug/l	100
41) Methacrylonitrile	7.15	41	59560m	35.390	ug/l	
42) 1,2-Dichloroethane	8.10	62	150908	49.896	ug/l	100
43) Isopropyl Acetate	8.14	43	225771	51.273	ug/l	100
44) Trichloroethene	8.82	130	117166	48.341	ug/l	100
45) 1,2-Dichloropropane	9.10	63	107748	50.289	ug/l	100
46) Dibromomethane	9.19	93	76052	50.510	ug/l	100
47) Bromodichloromethane	9.39	83	153956	50.394	ug/l	100
48) Methyl methacrylate	9.18	41	102372	52.431	ug/l	100
49) 1,4-Dioxane	9.18	88	37980	1159.285	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	674923	266.573	ug/l	100
52) Toluene	10.14	92	274843	49.866	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	175294	51.868	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	183026	50.668	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	108169	49.959	ug/l	100
56) Ethyl methacrylate	10.42	69	160610	55.758	ug/l	100
57) 1,3-Dichloropropane	10.70	76	176463	49.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	375227	276.302	ug/l	100
59) 2-Hexanone	10.74	43	541745	280.514	ug/l	100
60) Dibromochloromethane	10.89	129	125660	51.871	ug/l	100
61) 1,2-Dibromoethane	10.99	107	115336	51.817	ug/l	100
64) Tetrachloroethene	10.62	164	109198	46.643	ug/l	100
65) Chlorobenzene	11.43	112	298497	48.865	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	114305	49.995	ug/l	100
67) Ethyl Benzene	11.50	91	539429	49.089	ug/l	100
68) m/p-Xylenes	11.62	106	407076	99.542	ug/l	100
69) o-Xylene	11.94	106	196436	49.984	ug/l	100
70) Styrene	11.96	104	326879	53.614	ug/l	100
71) Bromoform	12.12	173	94554	53.873	ug/l #	100
73) Isopropylbenzene	12.25	105	539692	46.153	ug/l	100
74) N-amyl acetate	12.07	43	210386	52.734	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	160593	48.506	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	144542m	34.780	ug/l	
77) Bromobenzene	12.52	156	134984	46.893	ug/l	100
78) n-propylbenzene	12.59	91	615877	46.425	ug/l	100
79) 2-Chlorotoluene	12.67	91	357558	45.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	453239	46.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59418	51.712	ug/l	100
82) 4-Chlorotoluene	12.77	91	372259	46.957	ug/l	100
83) tert-Butylbenzene	12.99	119	388742	44.790	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	456989	48.436	ug/l	100
85) sec-Butylbenzene	13.17	105	530020	46.683	ug/l	100
86) p-Isopropyltoluene	13.28	119	478937	47.101	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	242196	48.176	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	239940	48.110	ug/l	100
89) n-Butylbenzene	13.61	91	430384	48.870	ug/l	100
90) Hexachloroethane	13.87	117	90220	47.699	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	234595	47.098	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34889	44.067	ug/l	100

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93) 1,2,4-Trichlorobenzene	14.90	180	147337	53.082	ug/l	100
94) Hexachlorobutadiene	15.01	225	78525	44.862	ug/l	100
95) Naphthalene	15.13	128	408807	55.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	143081	50.934	ug/l	100

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

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