

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062971.D
 Acq On : 17 Aug 2020 14:38
 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
 8/18/2020 11:12:54 AM

Quant Time: Aug 17 15:04:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	234941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	330833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	317960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165317	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	117285	32.51	ug/l	0.00
Spiked Amount			Recovery	=	65.02%	
35) Dibromofluoromethane	7.55	113	104167	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
50) Toluene-d8	10.06	98	410956	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	12.38	95	143352	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	143645	44.232	ug/l	100
3) Chloromethane	2.03	50	130252	42.126	ug/l	100
4) Vinyl Chloride	2.16	62	175935	57.548	ug/l	100
5) Bromomethane	2.51	94	106139	52.345	ug/l	100
6) Chloroethane	2.66	64	111206	55.465	ug/l	100
7) Trichlorofluoromethane	2.98	101	228565	43.900	ug/l	100
8) Diethyl Ether	3.37	74	63133	42.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	98448	42.357	ug/l	100
10) Methyl Iodide	3.91	142	141407	54.444	ug/l	100
11) Tert butyl alcohol	4.74	59	97757	167.104	ug/l	100
12) 1,1-Dichloroethene	3.69	96	92756	42.064	ug/l	100
13) Acrolein	3.57	56	65365	180.040	ug/l	100
14) Allyl chloride	4.27	41	150448	37.877	ug/l	100
15) Acrylonitrile	4.93	53	295769	208.428	ug/l	100
16) Acetone	3.77	43	213314	161.408	ug/l	100
17) Carbon Disulfide	4.01	76	254305	39.156	ug/l	100
18) Methyl Acetate	4.28	43	122082	34.298	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	342272	39.426	ug/l	100
20) Methylene Chloride	4.50	84	116648	41.417	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	102203	44.101	ug/l	100
22) Diisopropyl ether	5.90	45	346936	41.236	ug/l	100
23) Vinyl Acetate	5.84	43	1179502	185.372	ug/l	100
24) 1,1-Dichloroethane	5.80	63	195187	39.354	ug/l	100
25) 2-Butanone	6.79	43	323596	173.771	ug/l	100
26) 2,2-Dichloropropane	6.78	77	145594	32.573	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	118924	42.995	ug/l	100
28) Bromochloromethane	7.15	49	94989	39.606	ug/l	100
29) Tetrahydrofuran	7.17	42	221186	182.410	ug/l	100
30) Chloroform	7.33	83	194435	37.200	ug/l	100
31) Cyclohexane	7.61	56	179527	39.702	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	161732	35.083	ug/l	100
36) 1,1-Dichloropropene	7.75	75	133367	42.537	ug/l	100
37) Ethyl Acetate	6.88	43	123704	38.445	ug/l	100
38) Carbon Tetrachloride	7.73	117	146980	39.747	ug/l	100

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39) Methylcyclohexane	9.05	83	187335	48.529	ug/l	100
40) Benzene	8.00	78	433405	45.519	ug/l	100
41) Methacrylonitrile	7.12	41	53414	37.689	ug/l	100
42) 1,2-Dichloroethane	8.09	62	139956	35.989	ug/l	100
43) Isopropyl Acetate	8.13	43	202185	37.739	ug/l	100
44) Trichloroethene	8.80	130	116313	49.315	ug/l	100
45) 1,2-Dichloropropane	9.09	63	115841	45.315	ug/l	100
46) Dibromomethane	9.18	93	76088	45.380	ug/l	100
47) Bromodichloromethane	9.37	83	156828	42.325	ug/l	100
48) Methyl methacrylate	9.17	41	99664	37.943	ug/l	100
49) 1,4-Dioxane	9.17	88	43008	872.769	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	685504	198.097	ug/l	100
52) Toluene	10.12	92	282792	48.016	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	168898	41.608	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	185489	44.785	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	117848	46.725	ug/l	100
56) Ethyl methacrylate	10.40	69	169165	45.771	ug/l	100
57) 1,3-Dichloropropane	10.68	76	189318	44.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	190751	186.487	ug/l	100
59) 2-Hexanone	10.72	43	507074	197.471	ug/l	100
60) Dibromochloromethane	10.87	129	134824	47.222	ug/l	100
61) 1,2-Dibromoethane	10.98	107	119853	48.226	ug/l	100
64) Tetrachloroethene	10.60	164	108518	52.175	ug/l	100
65) Chlorobenzene	11.41	112	320700	48.462	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	124966	47.387	ug/l	100
67) Ethyl Benzene	11.48	91	547020	46.842	ug/l	100
68) m/p-Xylenes	11.60	106	430552	100.571	ug/l	100
69) o-Xylene	11.92	106	204509	51.089	ug/l	100
70) Styrene	11.94	104	361668	51.433	ug/l	100
71) Bromoform	12.10	173	110047	50.513	ug/l #	100
73) Isopropylbenzene	12.22	105	554105	45.463	ug/l	100
74) N-amyl acetate	12.05	43	185065	38.939	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	178595	41.665	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	159746m	37.325	ug/l	
77) Bromobenzene	12.50	156	152606	49.110	ug/l	100
78) n-propylbenzene	12.57	91	635766	44.590	ug/l	100
79) 2-Chlorotoluene	12.65	91	375036	42.147	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	486452	46.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	58572	42.117	ug/l	100
82) 4-Chlorotoluene	12.75	91	396821	43.178	ug/l	100
83) tert-Butylbenzene	12.97	119	416951	46.469	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	479625	47.472	ug/l	100
85) sec-Butylbenzene	13.15	105	546160	46.414	ug/l	100
86) p-Isopropyltoluene	13.26	119	502568	48.060	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	271723	49.348	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	269513	48.641	ug/l	100
89) n-Butylbenzene	13.59	91	395246	45.000	ug/l	100
90) Hexachloroethane	13.85	117	92266	41.241	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	262473	50.671	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31627	35.752	ug/l	100

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93) 1,2,4-Trichlorobenzene	14.88	180	134441	54.821	ug/l	100
94) Hexachlorobutadiene	14.98	225	96342	52.391	ug/l	100
95) Naphthalene	15.10	128	313523	49.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132783	55.938	ug/l	100

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

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