

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064775.D
 Acq On : 23 Nov 2020 10:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 04:56:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	201197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139820	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	112967	48.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.60%	
35) Dibromofluoromethane		7.55	113	93603	51.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.92%	
50) Toluene-d8		10.06	98	381127	51.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.56%	
62) 4-Bromofluorobenzene		12.38	95	138871	52.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	94289	54.073	ug/l	99
3) Chloromethane	2.04	50	115897	51.147	ug/l	97
4) Vinyl Chloride	2.16	62	120242	50.897	ug/l	98
5) Bromomethane	2.53	94	79447	51.257	ug/l	100
6) Chloroethane	2.67	64	73097	50.026	ug/l	99
7) Trichlorofluoromethane	2.98	101	165481	50.673	ug/l	97
8) Diethyl Ether	3.37	74	63491	49.255	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	98901	50.485	ug/l	99
10) Methyl Iodide	3.90	142	133246	52.438	ug/l	98
11) Tert butyl alcohol	4.75	59	87228	239.125	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	96643	49.535	ug/l	96
13) Acrolein	3.56	56	16295	73.133	ug/l	98
14) Allyl chloride	4.27	41	159984	49.717	ug/l	99
15) Acrylonitrile	4.93	53	248829	246.924	ug/l	100
16) Acetone	3.78	43	162206	210.956	ug/l	100
17) Carbon Disulfide	4.00	76	271111	53.818	ug/l	99
18) Methyl Acetate	4.28	43	108403	46.891	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	321673	51.407	ug/l	99
20) Methylene Chloride	4.50	84	113276	47.014	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	106355	49.089	ug/l	95
22) Diisopropyl ether	5.90	45	334522	51.938	ug/l	98
23) Vinyl Acetate	5.84	43	1358402	263.738	ug/l	100
24) 1,1-Dichloroethane	5.79	63	195556	50.804	ug/l	99
25) 2-Butanone	6.78	43	294958	236.640	ug/l	96
26) 2,2-Dichloropropane	6.78	77	170558	51.088	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	122724	50.338	ug/l	99
28) Bromochloromethane	7.15	49	82001	46.567	ug/l	98
29) Tetrahydrofuran	7.17	42	209433	243.411	ug/l	99
30) Chloroform	7.33	83	199957	50.373	ug/l	99
31) Cyclohexane	7.61	56	161065	49.405	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	172987	50.740	ug/l	99
36) 1,1-Dichloropropene	7.75	75	152800	54.753	ug/l	99
37) Ethyl Acetate	6.88	43	132343	49.231	ug/l	99
38) Carbon Tetrachloride	7.73	117	155218	53.454	ug/l	98

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39) Methylcyclohexane	9.05	83	163263	54.344	ug/l	98
40) Benzene	8.00	78	451423	52.787	ug/l	99
41) Methacrylonitrile	7.12	41	63607	51.279	ug/l	92
42) 1,2-Dichloroethane	8.08	62	149096	51.682	ug/l	99
43) Isopropyl Acetate	8.13	43	223086	51.572	ug/l	99
44) Trichloroethene	8.80	130	132739	52.607	ug/l	95
45) 1,2-Dichloropropane	9.08	63	117827	53.204	ug/l	100
46) Dibromomethane	9.17	93	77751	52.551	ug/l	99
47) Bromodichloromethane	9.37	83	159784	53.673	ug/l	99
48) Methyl methacrylate	9.16	41	106472	51.511	ug/l	96
49) 1,4-Dioxane	9.17	88	42735	1093.913	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	670896	258.343	ug/l	100
52) Toluene	10.12	92	281642	53.478	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	177311	53.475	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	195839	55.103	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	110215	50.892	ug/l	98
56) Ethyl methacrylate	10.40	69	163418	54.682	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188283	52.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	443627	269.863	ug/l	100
59) 2-Hexanone	10.72	43	484909	259.454	ug/l	99
60) Dibromochloromethane	10.87	129	128330	53.309	ug/l	99
61) 1,2-Dibromoethane	10.98	107	116317	52.865	ug/l	99
64) Tetrachloroethene	10.60	164	138757	51.292	ug/l	98
65) Chlorobenzene	11.41	112	308081	51.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	116582	53.126	ug/l	99
67) Ethyl Benzene	11.48	91	532685	53.400	ug/l	100
68) m/p-Xylenes	11.59	106	415715	110.072	ug/l	99
69) o-Xylene	11.92	106	196567	54.846	ug/l	100
70) Styrene	11.94	104	340417	56.264	ug/l	99
71) Bromoform	12.10	173	90040	51.372	ug/l #	99
73) Isopropylbenzene	12.22	105	517277	53.188	ug/l	100
74) N-amyl acetate	12.04	43	198153	51.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	136586	47.915	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	207307	68.847	ug/l #	100
77) Bromobenzene	12.50	156	131934	50.319	ug/l	99
78) n-propylbenzene	12.57	91	592045	53.437	ug/l	98
79) 2-Chlorotoluene	12.65	91	354700	51.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	443801	54.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	56720	51.627	ug/l #	81
82) 4-Chlorotoluene	12.75	91	376316	52.422	ug/l	100
83) tert-Butylbenzene	12.97	119	365656	53.965	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	448972	54.932	ug/l	99
85) sec-Butylbenzene	13.14	105	483730	53.769	ug/l	99
86) p-Isopropyltoluene	13.26	119	454042	55.435	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	237750	51.037	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	240849	48.889	ug/l	99
89) n-Butylbenzene	13.59	91	381482	53.036	ug/l	98
90) Hexachloroethane	13.85	117	75665	53.178	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	234023	51.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30528	47.596	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.88	180	141392	49.970	ug/l	99
94) Hexachlorobutadiene	14.98	225	62729	49.237	ug/l	97
95) Naphthalene	15.10	128	420117	49.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	134495	50.018	ug/l	100

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

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