

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062847.D
 Acq On : 11 Aug 2020 22:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 11 22:42:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	173361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	279405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	139716	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.55	113	96880	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.06	98	370320	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	142183	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	110664	44.578	ug/l	98
3) Chloromethane	2.03	50	91127	38.900	ug/l	98
4) Vinyl Chloride	2.16	62	94754	43.125	ug/l	97
5) Bromomethane	2.52	94	72422	49.792	ug/l	99
6) Chloroethane	2.66	64	75730	52.391	ug/l	97
7) Trichlorofluoromethane	2.98	101	194848	49.732	ug/l	99
8) Diethyl Ether	3.37	74	54457	48.553	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83106	52.640	ug/l	97
10) Methyl Iodide	3.91	142	102497	53.975	ug/l	97
11) Tert butyl alcohol	4.74	59	81589	173.642	ug/l	100
12) 1,1-Dichloroethene	3.70	96	74722	50.626	ug/l	98
13) Acrolein	3.57	56	35089	123.340	ug/l	100
14) Allyl chloride	4.27	41	130359	42.949	ug/l	97
15) Acrylonitrile	4.93	53	219941	201.815	ug/l	99
16) Acetone	3.77	43	212644	205.275	ug/l	99
17) Carbon Disulfide	4.01	76	200582	47.812	ug/l	99
18) Methyl Acetate	4.28	43	118635	48.384	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	297274	44.260	ug/l	98
20) Methylene Chloride	4.50	84	86181	45.390	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	72407	41.737	ug/l	98
22) Diisopropyl ether	5.90	45	279494	43.257	ug/l	99
23) Vinyl Acetate	5.84	43	944677	192.220	ug/l	98
24) 1,1-Dichloroethane	5.80	63	155915	41.177	ug/l	99
25) 2-Butanone	6.79	43	277719	189.291	ug/l	97
26) 2,2-Dichloropropane	6.78	77	104342	29.895	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	89134	42.830	ug/l	93
28) Bromochloromethane	7.15	49	88284	48.310	ug/l	95
29) Tetrahydrofuran	7.17	42	185326	194.433	ug/l	97
30) Chloroform	7.33	83	173276	43.060	ug/l	100
31) Cyclohexane	7.61	56	144606	41.604	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	154954	43.069	ug/l	98
36) 1,1-Dichloropropene	7.75	75	113884	41.860	ug/l	97
37) Ethyl Acetate	6.89	43	106708	37.548	ug/l	99
38) Carbon Tetrachloride	7.73	117	138030	42.898	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141510	43.221	ug/l	97
40) Benzene	8.00	78	337996	41.634	ug/l	99
41) Methacrylonitrile	7.12	41	47153	36.769	ug/l #	71
42) 1,2-Dichloroethane	8.09	62	146577	42.421	ug/l	100
43) Isopropyl Acetate	8.13	43	184208	38.860	ug/l #	87
44) Trichloroethene	8.80	130	84007	42.473	ug/l	98
45) 1,2-Dichloropropane	9.08	63	92709	42.194	ug/l	95
46) Dibromomethane	9.18	93	61350	42.614	ug/l	96
47) Bromodichloromethane	9.37	83	141613	43.797	ug/l	99
48) Methyl methacrylate	9.17	41	92883	39.837	ug/l	96
49) 1,4-Dioxane	9.17	88	33573	777.109	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	605652	197.473	ug/l	98
52) Toluene	10.13	92	217592	43.410	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	149335	41.988	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	149991	42.003	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	91581	42.779	ug/l	96
56) Ethyl methacrylate	10.40	69	144606	44.877	ug/l	97
57) 1,3-Dichloropropane	10.68	76	156070	42.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	180242	197.889	ug/l	97
59) 2-Hexanone	10.72	43	448043	195.839	ug/l	98
60) Dibromochloromethane	10.87	129	108711	44.499	ug/l	100
61) 1,2-Dibromoethane	10.98	107	94130	44.560	ug/l	96
64) Tetrachloroethene	10.60	164	75504	44.258	ug/l	97
65) Chlorobenzene	11.41	112	238554	43.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	99120	44.658	ug/l	97
67) Ethyl Benzene	11.48	91	442851	44.775	ug/l	97
68) m/p-Xylenes	11.60	106	326964	91.068	ug/l	99
69) o-Xylene	11.92	106	158786	47.193	ug/l	95
70) Styrene	11.94	104	281015	47.516	ug/l	99
71) Bromoform	12.10	173	77413	42.628	ug/l #	98
73) Isopropylbenzene	12.22	105	443713	45.686	ug/l	100
74) N-amyl acetate	12.05	43	167399	42.532	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	140283	41.031	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	128939m	37.067	ug/l	
77) Bromobenzene	12.50	156	105775	43.832	ug/l	92
78) n-propylbenzene	12.57	91	507350	44.501	ug/l	99
79) 2-Chlorotoluene	12.65	91	312367	43.692	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	394284	46.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	45047	39.533	ug/l	100
82) 4-Chlorotoluene	12.75	91	327562	44.460	ug/l	100
83) tert-Butylbenzene	12.97	119	327465	45.930	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	386778	47.982	ug/l	99
85) sec-Butylbenzene	13.15	105	429513	45.875	ug/l	100
86) p-Isopropyltoluene	13.26	119	388820	46.785	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	194201	45.047	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	189350	43.791	ug/l	99
89) n-Butylbenzene	13.59	91	307757	43.785	ug/l	99
90) Hexachloroethane	13.85	117	75008	41.871	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	188058	46.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30247	41.208	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88255	41.279	ug/l	98
94) Hexachlorobutadiene	14.98	225	55616	43.518	ug/l	96
95) Naphthalene	15.10	128	229028	39.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89485	42.275	ug/l	99

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

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