

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065048.D
 Acq On : 10 Dec 2020 17:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:42 PM

Quant Time: Dec 11 03:59:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	206904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	314651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	107151	43.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.00%
35) Dibromofluoromethane	7.55	113	93128	44.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.48%
50) Toluene-d8	10.06	98	368838	46.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.38%
62) 4-Bromofluorobenzene	12.37	95	129422	47.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.56%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67499	51.541	ug/l	99
3) Chloromethane	2.04	50	89001	50.371	ug/l	98
4) Vinyl Chloride	2.17	62	98650	51.081	ug/l	98
5) Bromomethane	2.53	94	68828	52.567	ug/l	100
6) Chloroethane	2.67	64	66595	51.721	ug/l	100
7) Trichlorofluoromethane	2.99	101	153730	50.258	ug/l	98
8) Diethyl Ether	3.37	74	60333	49.673	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	96568	50.683	ug/l	99
10) Methyl Iodide	3.91	142	116288	50.446	ug/l	99
11) Tert butyl alcohol	4.74	59	76218	255.444	ug/l	99
12) 1,1-Dichloroethene	3.69	96	88255	49.473	ug/l	98
13) Acrolein	3.56	56	54764	226.950	ug/l	99
14) Allyl chloride	4.27	41	147183	50.912	ug/l	99
15) Acrylonitrile	4.93	53	237066	252.776	ug/l	99
16) Acetone	3.78	43	236090	270.209	ug/l	99
17) Carbon Disulfide	4.01	76	201006	49.266	ug/l	100
18) Methyl Acetate	4.28	43	113380	51.492	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	311258	51.761	ug/l	96
20) Methylene Chloride	4.50	84	106927	48.039	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	98755	50.705	ug/l	99
22) Diisopropyl ether	5.90	45	327079	51.897	ug/l	98
23) Vinyl Acetate	5.84	43	1281638	263.123	ug/l	99
24) 1,1-Dichloroethane	5.79	63	190415	51.007	ug/l	99
25) 2-Butanone	6.78	43	312637	259.469	ug/l	98
26) 2,2-Dichloropropane	6.78	77	163498	51.110	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	118928	50.574	ug/l	100
28) Bromochloromethane	7.15	49	83170	46.872	ug/l	99
29) Tetrahydrofuran	7.17	42	192044	253.888	ug/l	99
30) Chloroform	7.33	83	198555	51.461	ug/l	100
31) Cyclohexane	7.61	56	140290	50.806	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	167892	50.799	ug/l	99
36) 1,1-Dichloropropene	7.75	75	139433	51.955	ug/l	100
37) Ethyl Acetate	6.88	43	125246	51.326	ug/l #	92
38) Carbon Tetrachloride	7.73	117	147801	51.837	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	139887	53.036	ug/l	99
40) Benzene	8.00	78	433207	52.117	ug/l	98
41) Methacrylonitrile	7.12	41	60704	47.876	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	144033	51.102	ug/l	99
43) Isopropyl Acetate	8.13	43	208615	51.431	ug/l	98
44) Trichloroethene	8.80	130	121656	52.401	ug/l	100
45) 1,2-Dichloropropane	9.08	63	117776	52.379	ug/l	99
46) Dibromomethane	9.17	93	74784	51.340	ug/l	98
47) Bromodichloromethane	9.37	83	157817	52.893	ug/l	98
48) Methyl methacrylate	9.16	41	102112	53.030	ug/l	97
49) 1,4-Dioxane	9.17	88	35400	1018.202	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	637890	263.047	ug/l	99
52) Toluene	10.12	92	274675	52.732	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	169187	53.206	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	190232	53.486	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	112515	52.170	ug/l	99
56) Ethyl methacrylate	10.40	69	156246	54.860	ug/l	99
57) 1,3-Dichloropropane	10.68	76	185153	52.182	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	456116	300.533	ug/l	100
59) 2-Hexanone	10.72	43	471091	269.650	ug/l	100
60) Dibromochloromethane	10.87	129	128476	52.357	ug/l	98
61) 1,2-Dibromoethane	10.98	107	112536	52.128	ug/l	97
64) Tetrachloroethene	10.60	164	123746	51.580	ug/l	100
65) Chlorobenzene	11.40	112	305882	52.893	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	115955	52.163	ug/l	99
67) Ethyl Benzene	11.48	91	521223	54.019	ug/l	100
68) m/p-Xylenes	11.59	106	405663	108.483	ug/l	97
69) o-Xylene	11.92	106	191818	53.748	ug/l	98
70) Styrene	11.94	104	336089	55.681	ug/l	100
71) Bromoform	12.10	173	88258	52.270	ug/l #	100
73) Isopropylbenzene	12.22	105	515695	54.529	ug/l	100
74) N-amyl acetate	12.04	43	180713	53.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	142524	49.619	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	148991m	53.780	ug/l	
77) Bromobenzene	12.50	156	131680	52.359	ug/l	99
78) n-propylbenzene	12.56	91	576933	54.082	ug/l	100
79) 2-Chlorotoluene	12.65	91	346812	53.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	438342	55.079	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51949	53.372	ug/l	99
82) 4-Chlorotoluene	12.75	91	362952	52.779	ug/l	100
83) tert-Butylbenzene	12.96	119	363561	55.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	440091	54.774	ug/l	100
85) sec-Butylbenzene	13.14	105	467334	54.596	ug/l	100
86) p-Isopropyltoluene	13.26	119	440325	55.826	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	238629	53.394	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	236271	52.137	ug/l	98
89) n-Butylbenzene	13.59	91	364406	56.220	ug/l	100
90) Hexachloroethane	13.85	117	76182	53.285	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	235261	52.885	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28722	50.996	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123173	51.612	ug/l	97
94) Hexachlorobutadiene	14.98	225	66935	54.499	ug/l	99
95) Naphthalene	15.10	128	363397	51.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	119424	52.914	ug/l	99

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

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