

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064340.D
 Acq On : 27 Oct 2020 20:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 11:45:59 AM

Quant Time: Oct 28 05:06:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197882	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.55	113	136996	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.06	98	504555	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	197152	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	143118	50.748	ug/l	99
3) Chloromethane	2.04	50	147140	48.265	ug/l	98
4) Vinyl Chloride	2.16	62	152284	51.643	ug/l	97
5) Bromomethane	2.52	94	78988	41.455	ug/l	99
6) Chloroethane	2.67	64	90058	51.111	ug/l	99
7) Trichlorofluoromethane	2.98	101	257356	52.096	ug/l	97
8) Diethyl Ether	3.37	74	81755	52.315	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	127658	51.415	ug/l	98
10) Methyl Iodide	3.91	142	117148	35.357	ug/l	99
11) Tert butyl alcohol	4.73	59	150755	263.405	ug/l	100
12) 1,1-Dichloroethene	3.69	96	120294	51.321	ug/l	96
13) Acrolein	3.57	56	29210	236.232	ug/l	88
14) Allyl chloride	4.27	41	243098	50.793	ug/l	99
15) Acrylonitrile	4.93	53	344383	279.807	ug/l	99
16) Acetone	3.78	43	343044	255.373	ug/l	97
17) Carbon Disulfide	4.01	76	343359	49.511	ug/l	98
18) Methyl Acetate	4.28	43	157218	53.084	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	481322	53.445	ug/l	95
20) Methylene Chloride	4.50	84	143825	51.438	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	133696	51.130	ug/l	91
22) Diisopropyl ether	5.90	45	496181	53.039	ug/l	99
23) Vinyl Acetate	5.84	43	2217826	280.223	ug/l	99
24) 1,1-Dichloroethane	5.80	63	274199	52.381	ug/l	99
25) 2-Butanone	6.78	43	521180	263.276	ug/l	99
26) 2,2-Dichloropropane	6.77	77	238470	46.547	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	159022	53.141	ug/l	99
28) Bromochloromethane	7.14	49	124387	49.873	ug/l #	16
29) Tetrahydrofuran	7.17	42	338379	263.301	ug/l	99
30) Chloroform	7.33	83	292567	52.361	ug/l	98
31) Cyclohexane	7.61	56	227175	49.647	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	278503	51.907	ug/l	99
36) 1,1-Dichloropropene	7.75	75	213535	51.462	ug/l	99
37) Ethyl Acetate	6.88	43	227594	54.301	ug/l	99
38) Carbon Tetrachloride	7.73	117	250270	52.025	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	201096	48.877	ug/l	99
40) Benzene	8.00	78	583252	50.498	ug/l	100
41) Methacrylonitrile	7.12	41	92258	44.342	ug/l #	88
42) 1,2-Dichloroethane	8.08	62	259235	51.958	ug/l	100
43) Isopropyl Acetate	8.13	43	383552	53.533	ug/l	99
44) Trichloroethene	8.80	130	156031	51.569	ug/l	92
45) 1,2-Dichloropropane	9.08	63	158575	51.270	ug/l	96
46) Dibromomethane	9.17	93	111657	51.604	ug/l	96
47) Bromodichloromethane	9.37	83	236221	49.262	ug/l	97
48) Methyl methacrylate	9.16	41	188363	50.956	ug/l	99
49) 1,4-Dioxane	9.16	88	56947	1045.193	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1120648	269.080	ug/l	100
52) Toluene	10.12	92	374164	51.338	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	264141	52.096	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	266735	51.106	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	146497	50.921	ug/l	99
56) Ethyl methacrylate	10.40	69	232817	53.460	ug/l	99
57) 1,3-Dichloropropane	10.68	76	263909	53.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	577318	242.930	ug/l	99
59) 2-Hexanone	10.72	43	842379	274.629	ug/l	98
60) Dibromochloromethane	10.87	129	186707	54.889	ug/l	99
61) 1,2-Dibromoethane	10.98	107	160861	54.875	ug/l	100
64) Tetrachloroethene	10.60	164	156464	49.968	ug/l	98
65) Chlorobenzene	11.41	112	398915	51.647	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	159407	51.062	ug/l	98
67) Ethyl Benzene	11.48	91	744543	51.849	ug/l	97
68) m/p-Xylenes	11.59	106	545600	102.526	ug/l	100
69) o-Xylene	11.92	106	263621	51.419	ug/l	98
70) Styrene	11.94	104	447393	53.223	ug/l	98
71) Bromoform	12.10	173	132029	53.885	ug/l #	94
73) Isopropylbenzene	12.22	105	702097	49.454	ug/l	99
74) N-amyl acetate	12.04	43	338725	54.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	209146	50.681	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	218659m	48.170	ug/l	
77) Bromobenzene	12.50	156	171269	49.265	ug/l	99
78) n-propylbenzene	12.57	91	807361	50.231	ug/l	99
79) 2-Chlorotoluene	12.65	91	497321	48.403	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	597473	49.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76008	48.233	ug/l	94
82) 4-Chlorotoluene	12.75	91	527804	50.425	ug/l	99
83) tert-Butylbenzene	12.97	119	495321	50.248	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	604558	50.366	ug/l	99
85) sec-Butylbenzene	13.14	105	622036	48.763	ug/l	99
86) p-Isopropyltoluene	13.26	119	567561	49.387	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	297110	48.819	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	307734	49.645	ug/l	99
89) n-Butylbenzene	13.59	91	482281	47.637	ug/l	100
90) Hexachloroethane	13.85	117	110669	51.276	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	299457	49.492	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52904	51.666	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	157646	45.522	ug/l	97
94) Hexachlorobutadiene	14.98	225	81705	44.003	ug/l	99
95) Naphthalene	15.10	128	503698	47.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	153864	46.081	ug/l	96

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

