Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011422.D
Acq On : 14 Aug 2020 10:46
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00551

Quant Time: Aug 14 13:50:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 13:27:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	109673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	419304	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	261920	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	576735	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	576044	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	613050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	4559	1.59	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	6.99	132	37201	4.88	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.58	128	14351	4.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	14563	4.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	29443	4.20	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.49	166	101475	4.78	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	107905	4.28	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.07	176	83274	4.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.92	188	127816	4.55	ng/ul	0.00
79) Pyrene-d10	19.23	212	139603	4.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	147665	4.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	5931	1.959	ng/uL#	79
10) 2-Chlorophenol	7.02	128	37251	4.506	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.25	70	20731	3.307	ng/ul	97
17) Hexachloroethane	8.49	117	17483	4.859	ng/ul#	81
20) Nitrobenzene	8.62	77	38438	4.347	ng/ul	98
21) Isophorone	9.15	82	58166	3.849	ng/ul	98
23) 2-Nitrophenol	9.32	139	17206	4.225	ng/ul#	87
24) 2,4-Dimethylphenol	9.39	107	35469	4.177	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.63	93	40797	4.461	ng/ul	98
27) 2,4-Dichlorophenol	9.85	162	30572	4.180	ng/ul	96
28) Naphthalene	10.23	128	113854	4.632	ng/ul	99
31) Hexachlorobutadiene	10.52	225	27928	5.514	ng/ul	98
33) 4-Chloro-3-methylphenol	11.49	107	27695	3.530	ng/ul	95
34) 2-Methylnaphthalene	11.86	142	75976	4.262	ng/ul	95
35) 1-Methylnaphthalene	12.08	142	72966	4.406	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	45048	5.023	ng/ul	95
39) 2,4,6-Trichlorophenol	12.49	196	21797	3.818	ng/ul	98
40) 2,4,5-Trichlorophenol	12.57	196	25826	4.038	ng/ul	86
41) 1,1'-Biphenyl	12.90	154	101508	4.564	ng/ul#	98
42) 2-Chloronaphthalene	12.93	162	84068	4.764	ng/ul	94
43) 2-Nitroaniline	13.16	65	13149	2.943	ng/ul	96
45) Dimethylphthalate	13.55	163	97795	4.358	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	17479	3.931	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	13.79	152	113737	4.273	ng/ul	98
50) Acenaphthene	14.13	153	86585	4.631	ng/ul	94
54) Dibenzofuran	14.47	168	126973	4.739	ng/ul	98
55) 2,4-Dinitrotoluene	14.46	165	24434	3.766	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.72	232	19899	3.724	ng/ul#	89
57) Diethylphthalate	14.93	149	94813	4.289	ng/ul	99
59) Fluorene	15.13	166	102249	4.532	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.14	204	53400	4.732	ng/ul	90
65) N-Nitrosodiphenylamine	15.35	169	77281	4.267	ng/ul	98
66) 4-Bromophenyl-phenylether	16.03	248	30471	4.805	ng/ul	91
67) Hexachlorobenzene	16.14	284	33379	4.743	ng/ul	97
70) Phenanthrene	16.87	178	164439	4.709	ng/ul	98
72) Anthracene	16.96	178	162150	4.573	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	42165	4.970	ng/uL	92
74) Pentachlorobenzene	14.40	250	41593	5.107	ng/uL	96
76) Di-n-butylphthalate	17.82	149	132046	3.664	ng/ul	97
80) Pyrene	19.26	202	198060	5.099	ng/ul	98
81) Butylbenzylphthalate	20.20	149	57587	3.886	ng/ul	95
83) Benzo(a)anthracene	21.03	228	188279	4.632	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	77989	3.310	ng/ul	99
85) Chrysene	21.08	228	191822	4.907	ng/ul	98
88) Benzo(b)fluoranthene	22.54	252	191706	4.561	ng/ul	100
89) Benzo(k)fluoranthene	22.58	252	190873	4.512	ng/ul	95
91) Benzo(a)pyrene	23.07	252	172679	4.658	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.20	276	238737	5.444	ng/ul	97
93) Dibenzo(a,h)anthracene	25.22	278	196504	5.337	ng/ul	98
94) Benzo(g,h,i)perylene	25.83	276	196412	5.544	ng/ul	94

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

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