Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121288.D
Acq On : 14 Aug 2020 16:06
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 14 17:10:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83238	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	310874	20.00	ng		-0.01
39) Acenaphthene-d10	9.75	164	162355	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	306564	20.00	ng		-0.01
76) Chrysene-d12	13.87	240	255494	20.00	ng		0.00
86) Perylene-d12	15.28	264	275476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	422853	77.02	ng		0.00
7) Phenol-d6	6.35	99	537592	75.98	ng		-0.01
23) Nitrobenzene-d5	7.27	82	438795	77.14	ng		-0.01
42) 2,4,6-Tribromophenol	10.53	330	154559	77.32	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	831364	70.83	ng		-0.01
79) Terphenyl-d14	12.82	244	956110	72.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	91629	39.217	ng		99
3) Pyridine	2.98	79	249691	41.053	ng		99
4) n-Nitrosodimethylamine	2.92	42	104717	42.039	ng		100
6) Aniline	6.37	93	323825	38.609	ng	#	90
8) 2-Chlorophenol	6.49	128	232962	38.587	ng		96
9) Benzaldehyde	6.25	77	138498	37.986	ng		99
10) Phenol	6.36	94	292181	38.069	ng		94
11) bis(2-Chloroethyl)ether	6.45	93	211849	38.240	ng		98
12) 1,3-Dichlorobenzene	6.65	146	241424	37.846	ng		98
13) 1,4-Dichlorobenzene	6.72	146	244808	37.969	ng		98
14) 1,2-Dichlorobenzene	6.88	146	231664	38.070	ng		99
15) Benzyl Alcohol	6.85	79	181066	38.204	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	304681	38.193	ng		99
17) 2-Methylphenol	6.97	107	182150	38.195	ng		100
18) Hexachloroethane	7.22	117	87355	38.312	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	144901	36.861	ng		97
20) 3+4-Methylphenols	7.12	107	224835	37.160	ng	#	87
22) Acetophenone	7.12	105	293225	36.621	ng	#	96
24) Nitrobenzene	7.29	77	240019	38.888	ng		96
25) Isophorone	7.53	82	432645	37.884	ng		98
26) 2-Nitrophenol	7.61	139	120932	40.439	ng		96
27) 2,4-Dimethylphenol	7.65	122	185393	38.692	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	243439	38.110	ng		99
29) 2,4-Dichlorophenol	7.86	162	190331	38.845	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	204658	37.844	ng		98
31) Naphthalene	8.02	128	661764	37.837	ng		99
32) Benzoic acid	7.77	122	96551	38.198	ng		98
33) 4-Chloroaniline	8.07	127	269180	37.714	ng		98
34) Hexachlorobutadiene	8.13	225	122926	37.569	ng		99
35) Caprolactam	8.43	113	59349	40.214	ng		91
36) 4-Chloro-3-methylphenol	8.55	107	192232	38.454	ng		99
37) 2-Methylnaphthalene	8.70	142	431811	37.519	ng		99
38) 1-Methylnaphthalene	8.80	142	410620	37.681	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	206106	37.887	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	63699	41.260 ng		99
43) 2,4,6-Trichlorophenol	8.99	196	137331	39.694 ng		99
44) 2,4,5-Trichlorophenol	9.03	196	148822	39.603 ng		97
46) 1,1'-Biphenyl	9.17	154	521674	37.187 ng		99
47) 2-Chloronaphthalene	9.19	162	399207	36.968 ng		98
48) 2-Nitroaniline	9.29	65	118339	38.987 ng		98
49) Acenaphthylene	9.61	152	636548	37.113 ng		99
50) Dimethylphthalate	9.47	163	449900	36.826 ng		100
51) 2,6-Dinitrotoluene	9.53	165	108834	39.964 ng		99
52) Acenaphthene	9.78	154	378030	37.226 ng		100
53) 3-Nitroaniline	9.70	138	122133	39.278 ng		100
54) 2,4-Dinitrophenol	9.82	184	44151	41.933 ng		91
55) Dibenzofuran	9.95	168	591316	36.565 ng		99
56) 4-Nitrophenol	9.87	139	85485	42.600 ng		95
57) 2,4-Dinitrotoluene	9.94	165	139253	38.963 ng	#	97
58) Fluorene	10.29	166	444362	36.300 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	121966	41.050 ng		97
60) Diethylphthalate	10.17	149	456224	36.723 ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	212606	35.710 ng		99
62) 4-Nitroaniline	10.32	138	123056	39.472 ng		99
63) Azobenzene	10.45	77	456502	36.776 ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	73929	40.046 ng		84
66) n-Nitrosodiphenylamine	10.40	169	405889	38.613 ng		99
67) 4-Bromophenyl-phenylether	10.77	248	136354	38.131 ng		97
68) Hexachlorobenzene	10.84	284	154977	38.006 ng		98
69) Atrazine	10.93	200	117264	37.296 ng		98
70) Pentachlorophenol	11.04	266	76925	45.341 ng		98
71) Phenanthrene	11.25	178	662333	37.765 ng		99
72) Anthracene	11.30	178	670312	38.087 ng		100
73) Carbazole	11.46	167	652430	37.905 ng		100
74) Di-n-butylphthalate	11.80	149	713331	36.716 ng		99
75) Fluoranthene	12.44	202	734340	37.603 ng		99
77) Benzidine	12.56	184	326898	48.670 ng		99
78) Pyrene	12.67	202	762322	40.067 ng		99
80) Butylbenzylphthalate	13.29	149	305400	39.297 ng		96
81) Benzo(a)anthracene	13.86	228	655029	37.800 ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	272888	39.691 ng		98
83) Chrysene	13.89	228	681170	38.500 ng		99
84) Bis(2-ethylhexyl)phthalate	13.85	149	376141	35.114 ng		100
85) Di-n-octyl phthalate	14.46	149	718187	36.568 ng		99
87) Indeno(1,2,3-cd)pyrene	16.64	276	740734	36.166 ng		100
88) Benzo(b)fluoranthene	14.88	252	710284	38.481 ng		99
89) Benzo(k)fluoranthene	14.90	252	643764	37.558 ng		99
90) Benzo(a)pyrene	15.22	252	634623	38.093 ng		100
91) Dibenzo(a,h)anthracene	16.66	278	636002	36.240 ng		99
92) Benzo(g,h,i)perylene	17.06	276	619891	35.793 ng		99

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

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