Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120775.D
Acq On : 7 Jul 2020 9:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 07 10:57:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133158	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	473785	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	228178	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	398597	20.00	ng		0.00
76) Chrysene-d12	14.01	240	307105	20.00	ng		0.00
86) Perylene-d12	15.47	264	250039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	694476	80.51	ng		0.00
7) Phenol-d6	6.47	99	865687	78.58	ng		0.00
23) Nitrobenzene-d5	7.41	82	731650	89.47	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	194363	84.79	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1289370	85.49	ng		0.00
79) Terphenyl-d14	12.96	244	1343181	85.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	160935	40.842	ng		100
3) Pyridine	3.33	79	429687	39.811	ng		98
4) n-Nitrosodimethylamine	3.28	42	221932	41.103	ng		94
6) Aniline	6.51	93	553636	39.133	ng		100
8) 2-Chlorophenol	6.63	128	364342	39.671	ng		99
9) Benzaldehyde	6.40	77	229334	35.004	ng		99
10) Phenol	6.49	94	446796m	39.427	ng		
11) bis(2-Chloroethyl)ether	6.59	93	362630	39.325	ng		99
12) 1,3-Dichlorobenzene	6.79	146	404371	40.002	ng		99
13) 1,4-Dichlorobenzene	6.87	146	406928	40.191	ng		100
14) 1,2-Dichlorobenzene	7.02	146	385683	40.038	ng		100
15) Benzyl Alcohol	6.99	79	326223	39.414	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	562962	39.140	ng		100
17) 2-Methylphenol	7.09	107	319610	38.901	ng		98
18) Hexachloroethane	7.36	117	152413	40.051	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	257687	38.850	ng		99
20) 3+4-Methylphenols	7.25	107	406291	40.151	ng		95
22) Acetophenone	7.26	105	497683	42.261	ng	#	92
24) Nitrobenzene	7.43	77	400205	43.587	ng		98
25) Isophorone	7.67	82	701345	39.769	ng		97
26) 2-Nitrophenol	7.75	139	144450	38.297	ng		98
27) 2,4-Dimethylphenol	7.78	122	285611	40.570	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	427431	40.952	ng		99
29) 2,4-Dichlorophenol	7.99	162	284647	40.502	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	323386	40.968	ng		98
31) Naphthalene	8.16	128	1035212	40.885	ng		100
32) Benzoic acid	7.89	122	163690	34.214	ng		98
33) 4-Chloroaniline	8.20	127	429219	39.948	ng		95
34) Hexachlorobutadiene	8.27	225	198594	41.832	ng		99
35) Caprolactam	8.57	113	80845	39.478	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	291420	39.863	ng		98
37) 2-Methylnaphthalene	8.85	142	662081	40.224	ng		98
38) 1-Methylnaphthalene	8.95	142	624637	40.514	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	297521	43.143	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	170280	41.792	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	188197	40.050	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	219207	42.034	ng		99
46) 1,1'-Biphenyl	9.31	154	781631	42.467	ng		100
47) 2-Chloronaphthalene	9.33	162	618984	41.979	ng		99
48) 2-Nitroaniline	9.43	65	196498	44.696	ng		99
49) Acenaphthylene	9.75	152	955548	41.334	ng		100
50) Dimethylphthalate	9.61	163	677515	40.703	ng		100
51) 2,6-Dinitrotoluene	9.67	165	135735	41.362	ng		98
52) Acenaphthene	9.92	154	602482	42.010	ng		98
53) 3-Nitroaniline	9.83	138	172170	42.685	ng		95
54) 2,4-Dinitrophenol	9.94	184	48593	42.420	ng		98
55) Dibenzofuran	10.09	168	860352	41.618	ng		99
56) 4-Nitrophenol	9.98	139	120463	40.522	ng		88
57) 2,4-Dinitrotoluene	10.07	165	173677	42.523	ng		93
58) Fluorene	10.43	166	661060	42.961	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	157212m	40.511	ng		
60) Diethylphthalate	10.31	149	707526	40.805	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	333745	43.146	ng		98
62) 4-Nitroaniline	10.45	138	164663	46.560	ng		98
63) Azobenzene	10.59	77	742233	41.846	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	57391	36.248	ng		91
66) n-Nitrosodiphenylamine	10.55	169	566486	42.402	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	194783	42.127	ng	#	91
68) Hexachlorobenzene	10.98	284	203899	42.024	ng		97
69) Atrazine	11.07	200	138265	40.172	ng		96
70) Pentachlorophenol	11.17	266	108742	39.613	ng		99
71) Phenanthrene	11.40	178	923118	42.683	ng		99
72) Anthracene	11.45	178	936513	42.852	ng		100
73) Carbazole	11.60	167	890733	42.412	ng		99
74) Di-n-butylphthalate	11.94	149	1086033	41.768	ng		100
75) Fluoranthene	12.58	202	958320	41.595	ng		99
77) Benzidine	12.70	184	320814	37.010	ng		99
78) Pyrene	12.81	202	999718	40.760	ng		100
80) Butylbenzylphthalate	13.43	149	412727	38.976	ng		92
81) Benzo(a)anthracene	14.00	228	850983	43.228	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	259920	39.125	ng		97
83) Chrysene	14.04	228	832207	41.444	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	587385	42.300	ng		98
85) Di-n-octyl phthalate	14.61	149	937174	38.149	ng		98
87) Indeno(1,2,3-cd)pyrene	16.92	276	687311	42.856	ng		99
88) Benzo(b)fluoranthene	15.04	252	689163	41.925	ng		99
89) Benzo(k)fluoranthene	15.07	252	712299	44.532	ng		99
90) Benzo(a)pyrene	15.41	252	621513	42.384	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	580247	43.409	ng		99
92) Benzo(g,h,i)perylene	17.36	276	527283	43.161	ng		99

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

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