Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120287.D
Acq On : 14 May 2020 13:43
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 14 14:15:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	320418	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1187091	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	641942	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1362978	20.00	ng	0.00
76) Chrysene-d12	13.79	240	898738	20.00	ng	0.00
87) Perylene-d12	15.17	264	720971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1316146	79.92	ng	0.00
7) Phenol-d6	6.28	99	1475538	70.85	ng	0.00
23) Nitrobenzene-d5	7.20	82	1421137	81.97	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	510229	97.48	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2718741	87.01	ng	0.00
79) Terphenyl-d14	12.73	244	3217178	79.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	295589	45.122	ng	98
3) Pyridine	2.86	79	782573	38.003	ng	99
4) n-Nitrosodimethylamine	2.83	42	317049	39.321	ng	99
6) Aniline	6.29	93	960677	36.071	ng	98
8) 2-Chlorophenol	6.41	128	707675	36.856	ng	99
9) Benzaldehyde	6.17	77	509737	39.705	ng	98
10) Phenol	6.29	94	887402	36.503	ng	98
11) bis(2-Chloroethyl)ether	6.37	93	816687	42.056	ng	100
12) 1,3-Dichlorobenzene	6.56	146	811454	39.494	ng	98
13) 1,4-Dichlorobenzene	6.64	146	853876	40.351	ng	98
14) 1,2-Dichlorobenzene	6.79	146	721777	37.876	ng	99
15) Benzyl Alcohol	6.77	79	558124	37.724	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1129111	36.895	ng	96
17) 2-Methylphenol	6.90	107	615262	37.957	ng	99
18) Hexachloroethane	7.13	117	289059	35.857	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	490691	35.966	ng	99
20) 3+4-Methylphenols	7.06	107	789942	37.483	ng	98
22) Acetophenone	7.05	105	991376	40.766	ng	99
24) Nitrobenzene	7.22	77	720870	38.632	ng	99
25) Isophorone	7.46	82	1479193	41.003	ng	100
26) 2-Nitrophenol	7.53	139	413480	42.369	ng	90
27) 2,4-Dimethylphenol	7.58	122	660361	46.517	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	1033869	45.595	ng	99
29) 2,4-Dichlorophenol	7.78	162	654098	44.862	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	674361	41.738	ng	99
31) Naphthalene	7.93	128	2079225	41.501	ng	99
32) Benzoic acid	7.73	122	423483	45.510	ng	99
33) 4-Chloroaniline	7.99	127	911128	39.906	ng	97
34) Hexachlorobutadiene	8.05	225	413990	44.331	ng	96
35) Caprolactam	8.37	113	217425	45.582	ng	98
36) 4-Chloro-3-methylphenol	8.49	107	699799	44.368	ng	99
37) 2-Methylnaphthalene	8.62	142	1455737	42.460	ng	99
38) 1-Methylnaphthalene	8.72	142	1393032	41.892	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	693400	42.837	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	234492	38.836 ng	98
43) 2,4,6-Trichlorophenol	8.91	196	416362	38.320 ng	99
44) 2,4,5-Trichlorophenol	8.96	196	492375	39.460 ng	98
46) 1,1'-Biphenyl	9.09	154	1808781	43.004 ng	100
47) 2-Chloronaphthalene	9.11	162	1404579	41.631 ng	100
48) 2-Nitroaniline	9.22	65	512674	41.647 ng	99
49) Acenaphthylene	9.53	152	2131025	41.349 ng	99
50) Dimethylphthalate	9.40	163	1521352	37.490 ng	99
51) 2,6-Dinitrotoluene	9.46	165	368332	40.668 ng	98
52) Acenaphthene	9.70	154	1289551	41.743 ng	100
53) 3-Nitroaniline	9.63	138	439612	40.702 ng	96
54) 2,4-Dinitrophenol	9.74	184	168052	39.308 ng	98
55) Dibenzofuran	9.87	168	1879734	42.254 ng	100
56) 4-Nitrophenol	9.82	139	239081	41.196 ng	96
57) 2,4-Dinitrotoluene	9.86	165	448269	42.193 ng	99
58) Fluorene	10.21	166	1497631	44.204 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.99	232	394342	41.994 ng	100
60) Diethylphthalate	10.09	149	1680155	42.886 ng	100
61) 4-Chlorophenyl-phenylether	10.20	204	754918	42.857 ng	97
62) 4-Nitroaniline	10.25	138	450741	44.817 ng	99
63) Azobenzene	10.37	77	1821755	49.201 ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	266345	38.640 ng	98
66) n-Nitrosodiphenylamine	10.33	169	1522506	40.376 ng	99
67) 4-Bromophenyl-phenylether	10.69	248	532229	40.241 ng	98
68) Hexachlorobenzene	10.76	284	547807	39.591 ng	100
69) Atrazine	10.86	200	449971	39.880 ng	97
70) Pentachlorophenol	10.96	266	235614	40.037 ng	98
71) Phenanthrene	11.17	178	2327290	40.635 ng	100
72) Anthracene	11.22	178	2516122	41.038 ng	100
73) Carbazole	11.38	167	2351214	41.042 ng	100
74) Di-n-butylphthalate	11.72	149	2884168	41.774 ng	100
75) Fluoranthene	12.36	202	2566590	41.810 ng	99
77) Benzidine	12.49	184	1104848	42.098 ng	99
78) Pyrene	12.59	202	2569576	40.105 ng	100
80) Butylbenzylphthalate	13.21	149	1229421	40.750 ng	97
81) Benzo(a)anthracene	13.77	228	1858689	39.211 ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	737860	41.306 ng	99
83) Chrysene	13.81	228	2056196	40.396 ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1495587	39.844 ng	99
85) Di-n-octyl phthalate	14.38	149	2766089	40.962 ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1644183	35.590 ng	99
88) Benzo(b)fluoranthene	14.79	252	1789192	45.441 ng	100
89) Benzo(k)fluoranthene	14.82	252	1445089	42.362 ng	99
90) Benzo(a)pyrene	15.12	252	1462852	41.427 ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1364284	43.612 ng	98
92) Benzo(g,h,i)perylene	16.90	276	1343502	42.589 ng	98

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

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