Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090920\
Data File : BF121542.D
Acq On : 9 Sep 2020 11:37
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 09 12:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	343207	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1271900	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	684508	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1277632	20.00	ng		0.00
76) Chrysene-d12	14.00	240	987871	20.00	ng		-0.01
86) Perylene-d12	15.46	264	952398	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1608998	78.65	ng		0.00
7) Phenol-d6	6.47	99	2218055	77.59	ng		0.00
23) Nitrobenzene-d5	7.41	82	1862025	100.09	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	737315	106.64	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3296327	77.70	ng		0.00
79) Terphenyl-d14	12.95	244	3731920	79.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	372826	38.216	ng		99
3) Pyridine	3.36	79	1035359	38.972	ng		99
4) n-Nitrosodimethylamine	3.32	42	407330	34.687	ng		95
6) Aniline	6.51	93	1343964	39.623	ng		100
8) 2-Chlorophenol	6.63	128	877543	42.268	ng		97
9) Benzaldehyde	6.39	77	588450	42.976	ng		95
10) Phenol	6.49	94	1145357	40.957	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	892833	39.296	ng		98
12) 1,3-Dichlorobenzene	6.79	146	978758	39.153	ng		99
13) 1,4-Dichlorobenzene	6.86	146	993819	39.669	ng		100
14) 1,2-Dichlorobenzene	7.02	146	911737	39.085	ng		98
15) Benzyl Alcohol	6.99	79	759490	40.478	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1312186	38.984	ng		99
17) 2-Methylphenol	7.10	107	724105	40.085	ng		99
18) Hexachloroethane	7.36	117	376626	43.927	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	627282	39.265	ng		98
20) 3+4-Methylphenols	7.25	107	852679	39.007	ng	#	89
22) Acetophenone	7.26	105	1174863	37.477	ng	#	94
24) Nitrobenzene	7.43	77	944979	50.673	ng		97
25) Isophorone	7.67	82	1695544	40.519	ng		98
26) 2-Nitrophenol	7.75	139	469840	56.088	ng		94
27) 2,4-Dimethylphenol	7.78	122	693573	39.963	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1173052	41.225	ng		99
29) 2,4-Dichlorophenol	7.99	162	766231	44.714	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	850711	40.525	ng		98
31) Naphthalene	8.15	128	2483386	39.329	ng		99
32) Benzoic acid	7.92	122	637656	54.736	ng		99
33) 4-Chloroaniline	8.20	127	1105580	39.310	ng		98
34) Hexachlorobutadiene	8.27	225	526719	42.192	ng		99
35) Caprolactam	8.58	113	252270	45.136	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	766607	42.430	ng		97
37) 2-Methylnaphthalene	8.84	142	1708611	40.840	ng		99
38) 1-Methylnaphthalene	8.94	142	1595092	40.378	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	818812	40.353	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	426699	50.007 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	579285	45.169 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	596318	47.021 ng	97
46) 1,1'-Biphenyl	9.30	154	2012256	38.957 ng	99
47) 2-Chloronaphthalene	9.33	162	1643610	38.713 ng	99
48) 2-Nitroaniline	9.43	65	541546	45.799 ng	92
49) Acenaphthylene	9.75	152	2498594	39.235 ng	99
50) Dimethylphthalate	9.61	163	1977487	42.057 ng	99
51) 2,6-Dinitrotoluene	9.67	165	429604	48.650 ng	87
52) Acenaphthene	9.92	154	1628280	40.492 ng	100
53) 3-Nitroaniline	9.84	138	503157	45.176 ng	95
54) 2,4-Dinitrophenol	9.94	184	203576	62.151 ng	93
55) Dibenzofuran	10.09	168	2288821	39.184 ng	99
56) 4-Nitrophenol	9.99	139	374930	45.099 ng	99
57) 2,4-Dinitrotoluene	10.07	165	563523	51.348 ng	99
58) Fluorene	10.43	166	1692954	38.447 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	523277	49.559 ng	100
60) Diethylphthalate	10.30	149	1970358	41.710 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	894094	40.525 ng	98
62) 4-Nitroaniline	10.45	138	506530	44.455 ng	100
63) Azobenzene	10.58	77	1850655	39.616 ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	264156	60.831 ng	95
66) n-Nitrosodiphenylamine	10.54	169	1618048	40.042 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	601218	42.776 ng	98
68) Hexachlorobenzene	10.97	284	698752	42.514 ng	100
69) Atrazine	11.07	200	521153	44.471 ng	99
70) Pentachlorophenol	11.17	266	407080	54.215 ng	99
71) Phenanthrene	11.39	178	2520174	38.437 ng	100
72) Anthracene	11.44	178	2512744	38.966 ng	100
73) Carbazole	11.60	167	2386625	38.380 ng	100
74) Di-n-butylphthalate	11.93	149	2962641	42.887 ng	99
75) Fluoranthene	12.58	202	2736025	38.719 ng	99
77) Benzidine	12.70	184	979394	45.458 ng	99
78) Pyrene	12.81	202	2793121	39.590 ng	100
80) Butylbenzylphthalate	13.43	149	1335068	49.119 ng	99
81) Benzo(a)anthracene	13.99	228	2329146	38.623 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	967471	43.801 ng	99
83) Chrysene	14.03	228	2344213	38.855 ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1701027	48.456 ng	100
85) Di-n-octyl phthalate	14.60	149	2978324	50.063 ng	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	2356348	40.211 ng	100
88) Benzo(b)fluoranthene	15.04	252	2427232	39.178 ng	99
89) Benzo(k)fluoranthene	15.07	252	2349266	40.768 ng	99
90) Benzo(a)pyrene	15.40	252	2207339	39.623 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1918192	39.989 ng	100
92) Benzo(g,h,i)perylene	17.36	276	1829054	39.583 ng	100

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

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