Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121741.D
Acq On : 30 Sep 2020 16:29
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 30 17:20:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156011	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	592688	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	323095	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	627901	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	478879	20.00	ng	0.00
86) Perylene-d12	15.37	264	418471	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	810409	77.20	ng	-0.01
7) Phenol-d6	6.42	99	1066438	77.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	905900	82.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	362276	90.22	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1667788	78.18	ng	-0.01
79) Terphenyl-d14	12.89	244	2033387	86.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	181406	37.614	ng	100
3) Pyridine	3.21	79	515931	38.696	ng	99
4) n-Nitrosodimethylamine	3.18	42	236025	38.164	ng	95
6) Aniline	6.45	93	682194	38.032	ng	97
8) 2-Chlorophenol	6.57	128	421957	39.478	ng	98
9) Benzaldehyde	6.33	77	309397	34.364	ng	97
10) Phenol	6.43	94	550599	37.542	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	439499	39.760	ng	99
12) 1,3-Dichlorobenzene	6.72	146	470583	39.446	ng	98
13) 1,4-Dichlorobenzene	6.80	146	472889	39.477	ng	99
14) 1,2-Dichlorobenzene	6.95	146	436267	39.535	ng	99
15) Benzyl Alcohol	6.93	79	379961	40.589	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	703575	39.555	ng	99
17) 2-Methylphenol	7.04	107	362238	39.831	ng	100
18) Hexachloroethane	7.29	117	175136	40.833	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	321036	40.445	ng	96
20) 3+4-Methylphenols	7.19	107	422284	38.647	ng	96
22) Acetophenone	7.19	105	585701	38.949	ng	98
24) Nitrobenzene	7.36	77	486015	40.708	ng	97
25) Isophorone	7.61	82	914155	41.139	ng	100
26) 2-Nitrophenol	7.68	139	234379	42.036	ng	96
27) 2,4-Dimethylphenol	7.72	122	395526	39.875	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	568439	41.322	ng	100
29) 2,4-Dichlorophenol	7.93	162	366918	40.614	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	386905	40.664	ng	99
31) Naphthalene	8.09	128	1232304	39.387	ng	100
32) Benzoic acid	7.86	122	230399	33.570	ng	98
33) 4-Chloroaniline	8.13	127	550265	40.574	ng	97
34) Hexachlorobutadiene	8.20	225	233415	41.794	ng	100
35) Caprolactam	8.52	113	127832	42.490	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	407425	41.864	ng	100
37) 2-Methylnaphthalene	8.77	142	830515	40.506	ng	97
38) 1-Methylnaphthalene	8.87	142	775836	40.657	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	402828	39.914	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	8.93	237	205560	35.666	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	271284	39.436	ng	97
44) 2,4,5-Trichlorophenol	9.10	196	289459	39.803	ng	95
46) 1,1'-Biphenyl	9.24	154	1020570	39.456	ng	98
47) 2-Chloronaphthalene	9.27	162	794279	38.968	ng	98
48) 2-Nitroaniline	9.36	65	279911	44.192	ng	98
49) Acenaphthylene	9.68	152	1249873	39.909	ng	99
50) Dimethylphthalate	9.55	163	1001151	42.752	ng	100
51) 2,6-Dinitrotoluene	9.61	165	220051	44.124	ng	99
52) Acenaphthene	9.85	154	735358	37.175	ng	99
53) 3-Nitroaniline	9.78	138	244437	42.310	ng	96
54) 2,4-Dinitrophenol	9.89	184	93369	37.837	ng	99
55) Dibenzofuran	10.02	168	1094414	39.288	ng	97
56) 4-Nitrophenol	9.95	139	168670	36.609	ng	99
57) 2,4-Dinitrotoluene	10.02	165	287208	45.777	ng	98
58) Fluorene	10.37	166	860089	40.375	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	248117	41.967	ng	99
60) Diethylphthalate	10.24	149	972898	42.612	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	424884	41.636	ng	97
62) 4-Nitroaniline	10.39	138	239711	41.788	ng	99
63) Azobenzene	10.52	77	991236	40.769	ng	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	158307	42.073	ng	99
66) n-Nitrosodiphenylamine	10.48	169	845221	39.236	ng	100
67) 4-Bromophenyl-phenylether	10.85	248	296918	41.533	ng	98
68) Hexachlorobenzene	10.92	284	330071	40.912	ng	98
69) Atrazine	11.00	200	217269	40.596	ng	99
70) Pentachlorophenol	11.11	266	163145	36.821	ng	99
71) Phenanthrene	11.33	178	1329693	38.868	ng	100
72) Anthracene	11.38	178	1352567	38.312	ng	100
73) Carbazole	11.53	167	1210220	37.987	ng	100
74) Di-n-butylphthalate	11.86	149	1542101	41.939	ng	100
75) Fluoranthene	12.52	202	1416016	38.774	ng	99
77) Benzidine	12.64	184	797465	50.231	ng	99
78) Pyrene	12.74	202	1426649	40.775	ng	99
80) Butylbenzylphthalate	13.36	149	659058	46.575	ng	97
81) Benzo(a)anthracene	13.93	228	1219995	40.269	ng	99
82) 3,3'-Dichlorobenzidine	13.89	252	484039	40.924	ng	100
83) Chrysene	13.97	228	1196421	38.998	ng	100
84) Bis(2-ethylhexyl)phthalate	13.92	149	885741	46.855	ng	100
85) Di-n-octyl phthalate	14.53	149	1497307	44.881	ng	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1083383	39.754	ng	99
88) Benzo(b)fluoranthene	14.97	252	1139953	40.749	ng	98
89) Benzo(k)fluoranthene	15.00	252	1057558	41.282	ng	99
90) Benzo(a)pyrene	15.32	252	965925	40.619	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	888761	39.177	ng	99
92) Benzo(g,h,i)perylene	17.23	276	885120	39.693	ng	99

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

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