Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109616.D
Acq On : 5 Oct 2018 18:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:21 PM

Quant Time: Oct 05 19:21:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	90565	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	374747	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	182020	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	354348	20.00	ng		0.00
75) Chrysene-d12	13.84	240	262091	20.00	ng		0.00
86) Perylene-d12	15.24	264	207382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	420880	76.54	ng		0.00
7) Phenol-d6	6.36	99	539368	76.87	ng		0.00
23) Nitrobenzene-d5	7.27	82	531668	83.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	156116	87.00	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	994389	82.39	ng		-0.01
78) Terphenyl-d14	12.79	244	845964	79.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	92520	36.535	ng		93
3) Pyridine	3.08	79	231900	35.580	ng		92
4) n-Nitrosodimethylamine	3.02	42	91126m	32.853	ng		
6) Aniline	6.37	93	324800	36.183	ng	#	35
8) 2-Chlorophenol	6.49	128	248136	40.581	ng		99
9) Benzaldehyde	6.25	77	156550	34.733	ng		97
10) Phenol	6.37	94	296422	37.306	ng	#	48
11) bis(2-Chloroethyl)ether	6.44	93	225521	36.272	ng		97
12) 1,3-Dichlorobenzene	6.65	146	276442	39.267	ng		99
13) 1,4-Dichlorobenzene	6.72	146	294903	41.580	ng		99
14) 1,2-Dichlorobenzene	6.87	146	263334	40.248	ng		99
15) Benzyl Alcohol	6.85	79	207060	38.554	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	320640	36.357	ng		72
17) 2-Methylphenol	6.97	107	188960	38.193	ng	#	87
18) Hexachloroethane	7.22	117	104849	41.960	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	180698	39.304	ng		99
20) 3+4-Methylphenols	7.13	107	242642	40.621	ng		91
22) Acetophenone	7.12	105	346750	40.022	ng		98
24) Nitrobenzene	7.29	77	280825	41.604	ng		95
25) Isophorone	7.53	82	433551	37.926	ng		97
26) 2-Nitrophenol	7.60	139	134647	50.441	ng		98
27) 2,4-Dimethylphenol	7.65	122	187678	37.679	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	296963	39.243	ng		98
29) 2,4-Dichlorophenol	7.85	162	217116	41.487	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	231685	39.619	ng		99
31) Naphthalene	8.01	128	665989	38.031	ng		100
32) Benzoic acid	7.80	122	128348	39.346	ng		99
33) 4-Chloroaniline	8.06	127	299725	39.179	ng		98
34) Hexachlorobutadiene	8.13	225	143777	40.784	ng		97
35) Caprolactam	8.44	113	63251	37.856	ng		88
36) 4-Chloro-3-methylphenol	8.55	107	225706	40.985	ng		99
37) 2-Methylnaphthalene	8.70	142	443792	39.312	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	236181	40.771	ng		98
40) Hexachlorocyclopentadiene	8.85	237	89532	35.435	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	149446	40.197	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	166268	42.344	ng		95
45) 1,1'-Biphenyl	9.16	154	591641	39.894	ng		97
46) 2-Chloronaphthalene	9.19	162	469620	39.638	ng		97
47) 2-Nitroaniline	9.28	65	145429	43.295	ng		91
48) Acenaphthylene	9.60	152	694473	38.856	ng		100
49) Dimethylphthalate	9.46	163	519416	39.234	ng		98
50) 2,6-Dinitrotoluene	9.53	165	117554	44.834	ng		95
51) Acenaphthene	9.77	154	398619	36.889	ng		99
52) 3-Nitroaniline	9.70	138	132346	43.585	ng		96
53) 2,4-Dinitrophenol	9.80	184	39914	46.868	ng	#	26
54) Dibenzofuran	9.94	168	619152	38.527	ng		96
55) 4-Nitrophenol	9.87	139	76571	33.475	ng		90
56) 2,4-Dinitrotoluene	9.93	165	149318	45.008	ng	#	92
57) Fluorene	10.28	166	457342	39.886	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139773	44.957	ng	#	85
59) Diethylphthalate	10.16	149	525666	39.210	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	238693	39.856	ng		96
61) 4-Nitroaniline	10.31	138	130287	43.997	ng		97
62) Azobenzene	10.43	77	534466	38.371	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	67675	47.755	ng		92
65) n-Nitrosodiphenylamine	10.39	169	459891	39.282	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	159185	40.455	ng	#	87
67) Hexachlorobenzene	10.83	284	167750	40.140	ng	#	89
68) Atrazine	10.92	200	139596	38.770	ng		97
69) Pentachlorophenol	11.03	266	99732	39.873	ng		100
70) Phenanthrene	11.24	178	684258	38.675	ng		98
71) Anthracene	11.29	178	706749	39.384	ng		99
72) Carbazole	11.45	167	693130	38.821	ng		100
73) Di-n-butylphthalate	11.77	149	829647	40.364	ng		99
74) Fluoranthene	12.42	202	720943	38.130	ng		97
76) Benzidine	12.55	184	337859	35.754	ng		99
77) Pyrene	12.65	202	743595	39.587	ng		99
79) Butylbenzylphthalate	13.26	149	336918	42.160	ng		95
80) Benzo(a)anthracene	13.83	228	557613	35.322	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	227553	37.928	ng		99
82) Chrysene	13.87	228	584877	37.380	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	418125	41.487	ng		99
84) Di-n-octyl phthalate	14.43	149	679360	39.424	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	403112m	31.784	ng		
87) Benzo(b)fluoranthene	14.84	252	437458	38.389	ng		98
88) Benzo(k)fluoranthene	14.87	252	456133	42.182	ng	#	96
89) Benzo(a)pyrene	15.18	252	399230	38.880	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	335372	39.811	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	338828	40.925	ng	#	92

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

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