Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110023.D
Acq On : 20 Oct 2018 1:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/22/2018 2:55:51 PM

Quant Time: Oct 20 01:57:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 00:20:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189770	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	751091	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	322970	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	518068	20.00	ng		0.00
76) Chrysene-d12	14.15	240	372728	20.00	ng		0.00
87) Perylene-d12	15.67	264	316014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	942055	78.69	ng		0.00
7) Phenol-d6	6.59	99	1161132	78.11	ng		0.00
23) Nitrobenzene-d5	7.54	82	1018459	91.34	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	221299	79.14	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1720498	85.00	ng		0.00
79) Terphenyl-d14	13.09	244	1363074	76.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	249468	36.688	ng		91
3) Pyridine	3.60	79	580664	38.304	ng	#	84
4) n-Nitrosodimethylamine	3.56	42	233811	37.809	ng		99
6) Aniline	6.64	93	753932	37.633	ng	#	52
8) 2-Chlorophenol	6.76	128	529250	39.466	ng		99
9) Benzaldehyde	6.53	77	366193	37.906	ng		94
10) Phenol	6.61	94	634684	39.544	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	507690	37.831	ng		91
12) 1,3-Dichlorobenzene	6.91	146	576937	39.235	ng		99
13) 1,4-Dichlorobenzene	6.99	146	581168	39.243	ng		97
14) 1,2-Dichlorobenzene	7.15	146	539088	39.531	ng		99
15) Benzyl Alcohol	7.11	79	447430	39.122	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	813694	36.941	ng		68
17) 2-Methylphenol	7.22	107	419568	38.800	ng	#	80
18) Hexachloroethane	7.49	117	200342	38.281	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	352207	36.900	ng		95
20) 3+4-Methylphenols	7.37	107	520624	37.940	ng		94
22) Acetophenone	7.38	105	679783	39.027	ng		98
24) Nitrobenzene	7.56	77	527687	43.566	ng		93
25) Isophorone	7.79	82	839191	38.305	ng		95
26) 2-Nitrophenol	7.87	139	235382	46.869	ng		94
27) 2,4-Dimethylphenol	7.90	122	411096	38.957	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	574409	38.204	ng		99
29) 2,4-Dichlorophenol	8.11	162	409710	40.023	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	463348	40.425	ng		96
31) Naphthalene	8.28	128	1347146	39.113	ng		99
32) Benzoic acid	8.00	122	198346	30.167	ng		92
33) 4-Chloroaniline	8.32	127	593868	38.357	ng		100
34) Hexachlorobutadiene	8.39	225	257384	40.722	ng		99
35) Caprolactam	8.70	113	138357	38.056	ng	#	87
36) 4-Chloro-3-methylphenol	8.80	107	419898	38.882	ng		94
37) 2-Methylnaphthalene	8.97	142	864811	38.776	ng		98
38) 1-Methylnaphthalene	9.07	142	828897	38.355	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	422948	42.517	ng		99

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Quant Time: Oct 20 01:57:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 00:20:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	83989	17.493	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	269977	43.403	ng		95
44) 2,4,5-Trichlorophenol	9.28	196	265933	41.192	ng		93
46) 1,1'-Biphenyl	9.43	154	1199031	41.669	ng		99
47) 2-Chloronaphthalene	9.46	162	868305	40.966	ng		99
48) 2-Nitroaniline	9.56	65	271071	49.834	ng		89
49) Acenaphthylene	9.88	152	1226205	39.822	ng		98
50) Dimethylphthalate	9.73	163	959821	41.970	ng		99
51) 2,6-Dinitrotoluene	9.79	165	207438	47.757	ng		98
52) Acenaphthene	10.05	154	767857	39.169	ng		98
53) 3-Nitroaniline	9.97	138	248939	47.114	ng		87
54) 2,4-Dinitrophenol	10.06	184	9182	14.806	ng	#	1
55) Dibenzofuran	10.22	168	1113303	39.821	ng		98
56) 4-Nitrophenol	10.11	139	150572	37.347	ng		95
57) 2,4-Dinitrotoluene	10.20	165	252018	46.128	ng	#	87
58) Fluorene	10.56	166	791722	38.902	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	193688	37.856	ng		94
60) Diethylphthalate	10.43	149	932436	41.281	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	434755	41.009	ng		99
62) 4-Nitroaniline	10.58	138	220316	44.049	ng		94
63) Azobenzene	10.72	77	879337	37.265	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	22720	18.016	ng		93
66) n-Nitrosodiphenylamine	10.67	169	775273	44.931	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	249891	44.508	ng		95
68) Hexachlorobenzene	11.11	284	248151	41.447	ng	#	90
69) Atrazine	11.19	200	233580	43.337	ng		98
70) Pentachlorophenol	11.30	266	124694	36.596	ng		96
71) Phenanthrene	11.53	178	1065794	39.738	ng		99
72) Anthracene	11.58	178	1073142	39.798	ng		99
73) Carbazole	11.73	167	998981	37.697	ng		98
74) Di-n-butylphthalate	12.06	149	1295169	43.793	ng		99
75) Fluoranthene	12.72	202	970386	36.217	ng		100
77) Benzidine	12.84	184	520069	36.392	ng		99
78) Pyrene	12.95	202	982557	35.892	ng		99
80) Butylbenzylphthalate	13.56	149	463990	41.923	ng		99
81) Benzo(a)anthracene	14.14	228	863084	39.312	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	327891	42.601	ng		99
83) Chrysene	14.18	228	828761	39.658	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	645450	44.320	ng		96
85) Di-n-octyl phthalate	14.73	149	1063682	51.806	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	611328	36.333	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	742638	40.762	ng		100
89) Benzo(k)fluoranthene	15.25	252	723117m	40.268	ng		
90) Benzo(a)pyrene	15.61	252	657658	39.248	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	517095	34.822	ng		98
92) Benzo(g,h,i)perylene	17.70	276	485831	32.381	ng		96

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

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