Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109963.D
Acq On : 18 Oct 2018 17:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/19/2018 12:08:41 PM

Quant Time: Oct 19 03:00:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206679	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	841367	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	389731	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	717431	20.00	ng		0.00
76) Chrysene-d12	14.16	240	462075	20.00	ng		0.00
87) Perylene-d12	15.68	264	357408	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	994600	76.28	ng		0.00
7) Phenol-d6	6.60	99	1244066	76.84	ng		0.00
23) Nitrobenzene-d5	7.54	82	1123992	89.99	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	305689	90.60	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1949602	79.82	ng		0.00
79) Terphenyl-d14	13.10	244	1789995	81.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	266534	35.991	ng		92
3) Pyridine	3.62	79	609416	36.912	ng		87
4) n-Nitrosodimethylamine	3.58	42	246729	36.634	ng	#	98
6) Aniline	6.64	93	820941	37.626	ng	#	54
8) 2-Chlorophenol	6.76	128	575693	39.417	ng		98
9) Benzaldehyde	6.53	77	394716	37.516	ng		94
10) Phenol	6.61	94	671462	38.412	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	543210	37.166	ng		92
12) 1,3-Dichlorobenzene	6.92	146	623896	38.957	ng		99
13) 1,4-Dichlorobenzene	6.99	146	624379	38.712	ng		96
14) 1,2-Dichlorobenzene	7.15	146	588711	39.638	ng		98
15) Benzyl Alcohol	7.12	79	493272	39.601	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	875453	36.493	ng		68
17) 2-Methylphenol	7.22	107	455783	38.701	ng	#	80
18) Hexachloroethane	7.49	117	229252	40.221	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	385983	37.130	ng		97
20) 3+4-Methylphenols	7.37	107	579155	38.752	ng		95
22) Acetophenone	7.39	105	749660	38.421	ng	#	98
24) Nitrobenzene	7.56	77	580404	42.777	ng		91
25) Isophorone	7.80	82	937164	38.187	ng		95
26) 2-Nitrophenol	7.87	139	302856	53.834	ng		93
27) 2,4-Dimethylphenol	7.90	122	465835	39.408	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	638277	37.897	ng		99
29) 2,4-Dichlorophenol	8.11	162	471134	41.085	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	520102	40.508	ng		97
31) Naphthalene	8.29	128	1497517	38.814	ng		99
32) Benzoic acid	8.01	122	265253	36.015	ng		91
33) 4-Chloroaniline	8.33	127	681873	39.316	ng		99
34) Hexachlorobutadiene	8.39	225	287699	40.634	ng		99
35) Caprolactam	8.70	113	157942	38.782	ng		91
36) 4-Chloro-3-methylphenol	8.80	107	490819	40.573	ng		98
37) 2-Methylnaphthalene	8.97	142	982750	39.337	ng		99
38) 1-Methylnaphthalene	9.07	142	949669	39.229	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	479092	39.910	ng		99

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Quant Time: Oct 19 03:00:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
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	9.12	237	260124	44.896	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	319230	42.530	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	332846	42.725	ng		95
46) 1,1'-Biphenyl	9.44	154	1356499	39.066	ng		98
47) 2-Chloronaphthalene	9.47	162	1005899	39.328	ng		98
48) 2-Nitroaniline	9.56	65	318072	48.458	ng		96
49) Acenaphthylene	9.89	152	1452954	39.103	ng		98
50) Dimethylphthalate	9.73	163	1094616	39.665	ng		99
51) 2,6-Dinitrotoluene	9.80	165	257301	49.089	ng		96
52) Acenaphthene	10.06	154	957386	40.471	ng		98
53) 3-Nitroaniline	9.97	138	296307	46.472	ng		94
54) 2,4-Dinitrophenol	10.07	184	87299	55.369	ng	#	80
55) Dibenzofuran	10.23	168	1331162	39.457	ng		98
56) 4-Nitrophenol	10.12	139	224732	46.193	ng		93
57) 2,4-Dinitrotoluene	10.20	165	327920	49.381	ng	#	86
58) Fluorene	10.57	166	969376	39.472	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	272315	44.106	ng		96
60) Diethylphthalate	10.43	149	1073206	39.374	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	513433	40.134	ng		99
62) 4-Nitroaniline	10.59	138	284266	47.099	ng		93
63) Azobenzene	10.72	77	1055264	37.060	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	138539	52.430	ng		88
66) n-Nitrosodiphenylamine	10.68	169	937281	39.225	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	309240	39.773	ng		95
68) Hexachlorobenzene	11.12	284	327406	39.489	ng	#	91
69) Atrazine	11.20	200	306411	41.052	ng		98
70) Pentachlorophenol	11.31	266	211207	44.761	ng		96
71) Phenanthrene	11.54	178	1427502	38.434	ng		99
72) Anthracene	11.59	178	1454014	38.939	ng		99
73) Carbazole	11.74	167	1401418	38.187	ng		99
74) Di-n-butylphthalate	12.06	149	1575192	38.460	ng		99
75) Fluoranthene	12.73	202	1399013	37.705	ng		99
77) Benzidine	12.85	184	711551	40.163	ng		98
78) Pyrene	12.96	202	1423291	41.938	ng		99
80) Butylbenzylphthalate	13.56	149	597333	43.535	ng		98
81) Benzo(a)anthracene	14.14	228	1054369	38.739	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	376327	39.440	ng		97
83) Chrysene	14.19	228	994309	38.380	ng		100
84) Bis(2-ethylhexyl)phthalate	14.12	149	754720	41.803	ng		97
85) Di-n-octyl phthalate	14.74	149	1120008	44.002	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	922169	44.210	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	823957	39.988	ng		100
89) Benzo(k)fluoranthene	15.26	252	804226m	39.598	ng		
90) Benzo(a)pyrene	15.62	252	767421	40.495	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	763221	45.444	ng		97
92) Benzo(g,h,i)perylene	17.72	276	781626	46.062	ng		96

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

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