Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113394.D
Acq On : 29 Mar 2019 2:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/29/2019 4:47:25 PM

Quant Time: Mar 29 05:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157990	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	629246	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	306574	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	559250	20.00	ng	0.00
76) Chrysene-d12	13.84	240	375954	20.00	ng	0.00
87) Perylene-d12	15.24	264	427743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	713845	73.88	ng	0.00
7) Phenol-d6	6.35	99	886489	72.52	ng	0.00
23) Nitrobenzene-d5	7.27	82	808447	76.26	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	267675	70.68	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1484940	73.54	ng	0.00
79) Terphenyl-d14	12.79	244	1401511	82.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	170007	34.679	ng	97
3) Pyridine	3.03	79	443634	36.708	ng	96
4) n-Nitrosodimethylamine	2.98	42	181625	33.806	ng	88
6) Aniline	6.36	93	553066	37.155	ng	97
8) 2-Chlorophenol	6.49	128	419339	37.373	ng	97
9) Benzaldehyde	6.25	77	307915	37.540	ng	98
10) Phenol	6.36	94	500856	35.892	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	392982	36.738	ng	100
12) 1,3-Dichlorobenzene	6.65	146	443266	36.649	ng	98
13) 1,4-Dichlorobenzene	6.72	146	448095	38.371	ng	99
14) 1,2-Dichlorobenzene	6.87	146	412601	35.913	ng	98
15) Benzyl Alcohol	6.85	79	302676	37.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	622984	38.769	ng	100
17) 2-Methylphenol	6.97	107	329659	37.490	ng	97
18) Hexachloroethane	7.22	117	157477	37.544	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	273286	35.594	ng	99
20) 3+4-Methylphenols	7.13	107	396052	38.057	ng	94
22) Acetophenone	7.12	105	529786	36.918	ng	98
24) Nitrobenzene	7.29	77	427914	38.680	ng	94
25) Isophorone	7.53	82	775586	37.750	ng	98
26) 2-Nitrophenol	7.60	139	227043	38.827	ng	95
27) 2,4-Dimethylphenol	7.65	122	325134	38.653	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	504608	39.001	ng	99
29) 2,4-Dichlorophenol	7.85	162	354510	38.891	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	374554	38.085	ng	97
31) Naphthalene	8.01	128	1162469	37.804	ng	99
32) Benzoic acid	7.77	122	148118m	21.875	ng	
33) 4-Chloroaniline	8.06	127	490601	40.915	ng	99
34) Hexachlorobutadiene	8.13	225	229187	39.209	ng	98
35) Caprolactam	8.43	113	120420	41.161	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	362986	39.591	ng	99
37) 2-Methylnaphthalene	8.70	142	764840	39.863	ng	99
38) 1-Methylnaphthalene	8.80	142	741965	40.204	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	371320	37.732	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	35789	8.592	ng		97
43) 2,4,6-Trichlorophenol	8.98	196	237909	37.125	ng		96
44) 2,4,5-Trichlorophenol	9.03	196	254164	35.838	ng		99
46) 1,1'-Biphenyl	9.16	154	951509	37.161	ng		99
47) 2-Chloronaphthalene	9.19	162	721583	36.602	ng		99
48) 2-Nitroaniline	9.28	65	234491	37.902	ng		93
49) Acenaphthylene	9.60	152	1193554	37.443	ng		100
50) Dimethylphthalate	9.46	163	879218	38.699	ng		99
51) 2,6-Dinitrotoluene	9.53	165	196198	38.279	ng		89
52) Acenaphthene	9.77	154	666746	37.142	ng		99
53) 3-Nitroaniline	9.69	138	223712	38.704	ng		92
54) 2,4-Dinitrophenol	9.81	184	29166	11.441	ng		97
55) Dibenzofuran	9.94	168	1006402	37.292	ng		99
56) 4-Nitrophenol	9.87	139	125792	30.526	ng		92
57) 2,4-Dinitrotoluene	9.93	165	242509	37.206	ng		98
58) Fluorene	10.28	166	769269	36.694	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	208621	34.785	ng		98
60) Diethylphthalate	10.16	149	847477	38.024	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	389258	38.096	ng		94
62) 4-Nitroaniline	10.30	138	226104	37.993	ng		96
63) Azobenzene	10.43	77	789576	37.634	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	55982	18.299	ng		87
66) n-Nitrosodiphenylamine	10.39	169	698603	40.709	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	252553	41.434	ng		93
68) Hexachlorobenzene	10.83	284	277900	39.278	ng		96
69) Atrazine	10.92	200	233405	43.091	ng		97
70) Pentachlorophenol	11.03	266	143860	39.027	ng		98
71) Phenanthrene	11.24	178	1066987	38.419	ng		100
72) Anthracene	11.29	178	1092111	38.714	ng		100
73) Carbazole	11.45	167	1027505	38.172	ng		100
74) Di-n-butylphthalate	11.77	149	1306951	41.869	ng		99
75) Fluoranthene	12.42	202	1018684	32.446	ng		99
77) Benzidine	12.54	184	607691	42.209	ng		100
78) Pyrene	12.65	202	1013426	38.900	ng		99
80) Butylbenzylphthalate	13.26	149	456987	39.802	ng		99
81) Benzo(a)anthracene	13.83	228	808908	37.588	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	347103	40.205	ng		100
83) Chrysene	13.87	228	824174	37.705	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	582344	41.374	ng	#	98
85) Di-n-octyl phthalate	14.43	149	995031	41.648	ng		99
86) Indeno(1,2,3-cd)pyrene	16.60	276	871876	46.476	ng		98
88) Benzo(b)fluoranthene	14.84	252	973922	36.653	ng		98
89) Benzo(k)fluoranthene	14.87	252	765270	32.796	ng		99
90) Benzo(a)pyrene	15.19	252	846960	35.954	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	747498	36.699	ng		99
92) Benzo(g,h,i)perylene	17.00	276	676746	32.952	ng		98

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

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