Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105143.D
Acq On : 8 May 2018 13:26
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:43 PM

Quant Time: May 08 15:14:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	193320	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	771674	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	385600	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	750267	20.00	ng		0.00
75) Chrysene-d12	14.04	240	551665	20.00	ng		0.02
86) Perylene-d12	15.62	264	510722	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1379606	109.12	ng		0.00
7) Phenol-d6	6.43	99	1645987	105.96	ng		0.00
23) Nitrobenzene-d5	7.37	82	1452193	122.88	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	521816	130.46	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2584882	105.90	ng		0.00
78) Terphenyl-d14	12.92	244	2596991	107.32	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	351872	59.729	ng		87
3) Pyridine	3.25	79	990979	59.830	ng		87
4) n-Nitrosodimethylamine	3.22	42	508041	87.746	ng		85
6) Aniline	6.46	93	1192393	55.249	ng		94
8) 2-Chlorophenol	6.58	128	726267	54.425	ng		96
9) Benzaldehyde	6.35	77	589774	76.082	ng		99
10) Phenol	6.44	94	985042	59.763	ng		90
11) bis(2-Chloroethyl)ether	6.54	93	713747	54.265	ng		91
12) 1,3-Dichlorobenzene	6.74	146	841288	55.649	ng		99
13) 1,4-Dichlorobenzene	6.82	146	836060	55.479	ng		98
14) 1,2-Dichlorobenzene	6.97	146	757255	54.225	ng		99
15) Benzyl Alcohol	6.94	79	643798	54.565	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1348911	76.365	ng		98
17) 2-Methylphenol	7.05	107	638064	55.007	ng		98
18) Hexachloroethane	7.31	117	291958	54.338	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	540986	53.294	ng		94
20) 3+4-Methylphenols	7.20	107	717714	49.889	ng	#	80
22) Acetophenone	7.21	105	981699	51.673	ng	#	88
24) Nitrobenzene	7.39	77	789298	60.494	ng		99
25) Isophorone	7.62	82	1514566	60.606	ng		99
26) 2-Nitrophenol	7.70	139	334599	62.993	ng		97
27) 2,4-Dimethylphenol	7.73	122	704692	63.894	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	904893	59.223	ng		99
29) 2,4-Dichlorophenol	7.93	162	639471	60.767	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	691533	59.879	ng		99
31) Naphthalene	8.10	128	2049080	53.326	ng		99
32) Benzoic acid	7.86	122	451697m	51.330	ng		
33) 4-Chloroaniline	8.15	127	869606	52.825	ng		97
34) Hexachlorobutadiene	8.22	225	401544	63.477	ng		98
35) Caprolactam	8.54	113	206837m	56.343	ng		
36) 4-Chloro-3-methylphenol	8.63	107	663916	58.838	ng		97
37) 2-Methylnaphthalene	8.79	142	1433029	57.655	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	672918	60.963	ng		98
40) Hexachlorocyclopentadiene	8.95	237	426983	69.096	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	451068	58.867	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	474275	55.312	ng		91
45) 1,1'-Biphenyl	9.26	154	1702909	52.570	ng		99
46) 2-Chloronaphthalene	9.28	162	1293369	50.549	ng		97
47) 2-Nitroaniline	9.37	65	420623	66.475	ng		87
48) Acenaphthylene	9.70	152	2021822	50.364	ng		98
49) Dimethylphthalate	9.56	163	1536302	50.524	ng		98
50) 2,6-Dinitrotoluene	9.62	165	359271	63.853	ng		95
51) Acenaphthene	9.87	154	1324763	54.086	ng		98
52) 3-Nitroaniline	9.79	138	381930	57.982	ng		99
53) 2,4-Dinitrophenol	9.89	184	134013	78.353	ng	#	18
54) Dibenzofuran	10.04	168	1885530	55.239	ng		100
55) 4-Nitrophenol	9.94	139	319151	61.680	ng		91
56) 2,4-Dinitrotoluene	10.02	165	469233	63.578	ng		96
57) Fluorene	10.39	166	1314511	52.908	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	414244	64.756	ng		89
59) Diethylphthalate	10.26	149	1528855	50.484	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	643699	58.175	ng		94
61) 4-Nitroaniline	10.41	138	382619	59.407	ng		98
62) Azobenzene	10.54	77	1478147	51.089	ng		92
64) 4,6-Dinitro-2-methylphenol	10.43	198	196412	60.258	ng		91
65) n-Nitrosodiphenylamine	10.50	169	1291613	49.651	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	455533	57.081	ng	#	83
67) Hexachlorobenzene	10.93	284	513686	57.205	ng	#	86
68) Atrazine	11.03	200	429666	54.720	ng		96
69) Pentachlorophenol	11.12	266	325394	58.574	ng		98
70) Phenanthrene	11.35	178	2154296	51.561	ng		99
71) Anthracene	11.40	178	2192463	51.622	ng		99
72) Carbazole	11.55	167	2007753	48.377	ng		98
73) Di-n-butylphthalate	11.89	149	2245057	44.283	ng		99
74) Fluoranthene	12.53	202	2318759	53.117	ng		97
76) Benzidine	12.66	184	1258150	65.889	ng	#	92
77) Pyrene	12.77	202	2319236	56.717	ng		98
79) Butylbenzylphthalate	13.42	149	918596	47.683	ng		97
80) Benzo(a)anthracene	14.03	228	1889740	57.339	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	776318	63.176	ng	#	96
82) Chrysene	14.07	228	1981262	58.527	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1055956	42.615	ng		100
84) Di-n-octyl phthalate	14.73	149	1980131	47.825	ng		96
85) Indeno(1,2,3-cd)pyrene	17.07	276	1658360	57.669	ng		94
87) Benzo(b)fluoranthene	15.19	252	1909534	59.199	ng		97
88) Benzo(k)fluoranthene	15.22	252	1738940	57.103	ng	#	97
89) Benzo(a)pyrene	15.56	252	1722825	59.693	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	1363355	57.516	ng	#	95
91) Benzo(g,h,i)perylene	17.52	276	1372026	59.744	ng	#	92

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

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