Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086211.D
Acq On : 15 Apr 2016 12:30
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
Sohil
4/18/2016 7:24:43 PM

Quant Time: Apr 15 13:48:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 13:20:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	274653	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1120987	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	519133	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	901987	20.00	ng		0.00
75) Chrysene-d12	14.05	240	625446	20.00	ng		0.00
86) Perylene-d12	15.48	264	499004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	942675	28.20	ng		0.00
7) Phenol-d6	6.51	99	1053571	24.87	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1088629	27.67	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	207087	22.66	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1401067	21.76	ng		-0.01
78) Terphenyl-d14	13.00	244	1312045	25.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	230728	26.47	ng		95
3) Pyridine	3.25	79	635330	28.29	ng		92
4) n-Nitrosodimethylamine	3.17	42	211947	20.26	ng	#	68
6) Aniline	6.56	93	797013	26.18	ng		92
8) 2-Chlorophenol	6.67	128	497220	25.87	ng		93
9) Benzaldehyde	6.44	77	400642	34.70	ng		97
10) Phenol	6.52	94	624092	23.41	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	498157	26.46	ng		87
12) 1,3-Dichlorobenzene	6.83	146	510910	24.19	ng		100
13) 1,4-Dichlorobenzene	6.91	146	530577	25.03	ng		99
14) 1,2-Dichlorobenzene	7.07	146	471283	23.95	ng		99
15) Benzyl Alcohol	7.04	79	399167	25.73	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	731133	23.99	ng		99
17) 2-Methylphenol	7.14	107	396851	24.98	ng		97
18) Hexachloroethane	7.41	117	195824	25.74	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	358934	25.94	ng		95
20) 3+4-Methylphenols	7.30	107	507875	28.84	ng	#	78
22) Acetophenone	7.30	105	574530	22.01	ng	#	86
24) Nitrobenzene	7.47	77	511614	23.73	ng		91
25) Isophorone	7.72	82	1007413	26.32	ng		95
26) 2-Nitrophenol	7.79	139	229304	26.72	ng		93
27) 2,4-Dimethylphenol	7.82	122	462045	25.48	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	564659	25.72	ng		99
29) 2,4-Dichlorophenol	8.03	162	379931	26.63	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	399470	25.42	ng		99
31) Naphthalene	8.20	128	1404640	26.59	ng		99
32) Benzoic acid	7.92	122	294415	27.57	ng		98
33) 4-Chloroaniline	8.25	127	605203	27.94	ng		97
34) Hexachlorobutadiene	8.33	225	205149	24.72	ng		99
35) Caprolactam	8.60	113	127209	26.65	ng	#	63
36) 4-Chloro-3-methylphenol	8.73	107	437670	27.02	ng		90
37) 2-Methylnaphthalene	8.89	142	855872	25.17	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	339099	24.96	ng		98
40) Hexachlorocyclopentadiene	9.05	237	154459	22.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	254834	24.35	ng		94
43) 2,4,5-Trichlorophenol	9.20	196	253897	24.36	ng	#	78
45) 1,1'-Biphenyl	9.36	154	993491	24.47	ng		98
46) 2-Chloronaphthalene	9.38	162	797120	24.00	ng		100
47) 2-Nitroaniline	9.47	65	267847	28.06	ng		89
48) Acenaphthylene	9.79	152	1306044	25.91	ng		99
49) Dimethylphthalate	9.65	163	920492	23.83	ng		99
50) 2,6-Dinitrotoluene	9.71	165	200904	24.57	ng	#	63
51) Acenaphthene	9.96	154	784348	23.95	ng		98
52) 3-Nitroaniline	9.88	138	287506	30.46	ng		88
53) 2,4-Dinitrophenol	9.98	184	63988	26.96	ng	#	63
54) Dibenzofuran	10.13	168	1033436	25.68	ng		91
55) 4-Nitrophenol	10.03	139	217482	31.63	ng	#	61
56) 2,4-Dinitrotoluene	10.11	165	258082	24.67	ng	#	65
57) Fluorene	10.48	166	707722	21.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	175427	23.97	ng		95
59) Diethylphthalate	10.36	149	1027245	26.14	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	336569	22.05	ng		98
61) 4-Nitroaniline	10.49	138	225432	25.33	ng		93
62) Azobenzene	10.64	77	1078942	27.44	ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	107636	31.14	ng	#	45
65) n-Nitrosodiphenylamine	10.59	169	713123	25.65	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	234751	26.09	ng		97
67) Hexachlorobenzene	11.02	284	235321	23.26	ng		96
68) Atrazine	11.12	200	219589	26.72	ng		100
69) Pentachlorophenol	11.22	266	154241	28.99	ng		96
70) Phenanthrene	11.44	178	1120925	23.79	ng		100
71) Anthracene	11.49	178	1272730	27.35	ng		98
72) Carbazole	11.64	167	1106209	26.21	ng		99
73) Di-n-butylphthalate	11.98	149	1530967	30.81	ng		99
74) Fluoranthene	12.63	202	1181413	27.14	ng		99
76) Benzidine	12.75	184	654001	30.41	ng		97
77) Pyrene	12.85	202	1228665	26.18	ng		98
79) Butylbenzylphthalate	13.48	149	603315	31.69	ng		98
80) Benzo(a)anthracene	14.04	228	873634	25.24	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	572081	25.14	ng	#	97
82) Chrysene	14.08	228	956353	26.43	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	670137	29.97	ng		98
84) Di-n-octyl phthalate	14.65	149	1217345	29.69	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	715700	24.99	ng		97
87) Benzo(b)fluoranthene	15.07	252	802692	26.49	ng		98
88) Benzo(k)fluoranthene	15.09	252	775879m	27.19	ng		
89) Benzo(a)pyrene	15.43	252	722062	27.17	ng		97
90) Dibenzo(a,h)anthracene	16.91	278	595078	25.17	ng		97
91) Benzo(g,h,i)perylene	17.31	276	609241	24.78	ng		95

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

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