Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080535.D
Acq On : 17 Jul 2015 16:02
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
apatel
7/20/2015 3:40:31 PM

Quant Time: Jul 18 00:55:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:52:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	35675	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	138197	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	63850	20.00	ng		0.00
63) Phenanthrene-d10	11.61	188	108694	20.00	ng		0.01
75) Chrysene-d12	14.61	240	106066	20.00	ng		0.26
86) Perylene-d12	16.42	264	99189	20.00	ng		0.41
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	425744	201.88	ng		0.00
7) Phenol-d6	6.72	99	504428	179.85	ng		0.01
23) Nitrobenzene-d5	7.63	82	396242	170.65	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	101112	199.33	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	750952	161.13	ng		0.00
78) Terphenyl-d14	13.33	244	829306	163.94	ng		0.14
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	93628	92.63	ng		94
3) Pyridine	3.63	79	207405	97.16	ng		98
6) Aniline	6.74	93	322589	89.25	ng		96
8) 2-Chlorophenol	6.86	128	216813	93.07	ng	#	78
9) Benzaldehyde	6.62	77	111140	60.41	ng		98
10) Phenol	6.73	94	288522	95.44	ng		96
11) bis(2-Chloroethyl)ether	6.80	93	206645	93.51	ng		92
12) 1,3-Dichlorobenzene	7.01	146	238979m	82.43	ng		
13) 1,4-Dichlorobenzene	7.08	146	258177	85.27	ng		98
14) 1,2-Dichlorobenzene	7.24	146	249635	93.40	ng		97
15) Benzyl Alcohol	7.22	79	153859	80.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.34	45	342738	87.09	ng		75
17) 2-Methylphenol	7.33	107	168253	90.90	ng		94
18) Hexachloroethane	7.58	117	93644	103.68	ng		90
19) n-Nitroso-di-n-propylamine	7.47	70	160023	94.54	ng	#	89
20) 3+4-Methylphenols	7.48	107	244797	96.64	ng	#	85
22) Acetophenone	7.48	105	284938	94.59	ng	#	94
24) Nitrobenzene	7.65	77	240512	101.72	ng		92
25) Isophorone	7.88	82	376916	92.02	ng		95
26) 2-Nitrophenol	7.97	139	117647	112.70	ng		93
27) 2,4-Dimethylphenol	8.01	122	184580	92.54	ng		97
28) bis(2-Chloroethoxy)methane	8.10	93	230669	97.06	ng		97
29) 2,4-Dichlorophenol	8.21	162	157906	88.50	ng		95
30) 1,2,4-Trichlorobenzene	8.29	180	200781	95.65	ng		97
31) Naphthalene	8.37	128	599387	87.93	ng		99
32) Benzoic acid	8.11	122	98256	97.74	ng		94
33) 4-Chloroaniline	8.43	127	254224	96.04	ng		95
34) Hexachlorobutadiene	8.50	225	98498	83.78	ng		98
35) Caprolactam	8.78	113	44282	104.22	ng	#	61
36) 4-Chloro-3-methylphenol	8.91	107	161294	84.65	ng		92
37) 2-Methylnaphthalene	9.07	142	411696	101.61	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	174773	85.95	ng		98
40) Hexachlorocyclopentadiene	9.22	237	87932	89.16	ng		99
42) 2,4,6-Trichlorophenol	9.34	196	105709	86.53	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.39	196	123408	95.73	ng	#	89
45) 1,1'-Biphenyl	9.53	154	487055	93.28	ng		98
46) 2-Chloronaphthalene	9.56	162	338586	86.30	ng	#	90
47) 2-Nitroaniline	9.66	65	99561	100.66	ng	#	50
48) Acenaphthylene	9.97	152	581270	89.95	ng		100
49) Dimethylphthalate	9.82	163	377991	87.37	ng		97
50) 2,6-Dinitrotoluene	9.89	165	89820	105.70	ng	#	57
51) Acenaphthene	10.14	154	374225	96.85	ng		99
52) 3-Nitroaniline	10.08	138	97016	102.66	ng	#	75
53) 2,4-Dinitrophenol	10.17	184	38435	105.32	ng		89
54) Dibenzofuran	10.32	168	484216	87.32	ng		92
55) 4-Nitrophenol	10.25	139	66203	97.87	ng	#	65
56) 2,4-Dinitrotoluene	10.29	165	107411	87.73	ng	#	70
57) Fluorene	10.66	166	379839	87.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.44	232	85149	90.42	ng		95
59) Diethylphthalate	10.52	149	377611	92.06	ng		95
60) 4-Chlorophenyl-phenylether	10.65	204	178249	91.31	ng	#	84
61) 4-Nitroaniline	10.69	138	96811	103.39	ng		87
62) Azobenzene	10.81	77	379725	89.49	ng		85
64) 4,6-Dinitro-2-methylphenol	10.70	198	60490	117.28	ng		78
65) n-Nitrosodiphenylamine	10.76	169	289013	78.87	ng		100
66) 4-Bromophenyl-phenylether	11.14	248	100397	96.38	ng	#	74
67) Hexachlorobenzene	11.22	284	109913	94.02	ng	#	87
68) Atrazine	11.29	200	78944	80.44	ng		94
69) Pentachlorophenol	11.41	266	54490	101.60	ng		93
70) Phenanthrene	11.64	178	557897	91.98	ng		100
71) Anthracene	11.69	178	552112	95.98	ng		99
72) Carbazole	11.86	167	502367	99.19	ng		97
73) Di-n-butylphthalate	12.19	149	594859	102.98	ng		100
74) Fluoranthene	12.91	202	535698	94.68	ng		94
76) Benzidine	13.06	184	246386	73.36	ng		99
77) Pyrene	13.17	202	590133	86.19	ng		100
79) Butylbenzylphthalate	13.89	149	233022	96.31	ng		95
80) Benzo(a)anthracene	14.60	228	550014	92.93	ng		100
81) 3,3'-Dichlorobenzidine	14.56	252	183395	95.83	ng	#	96
82) Chrysene	14.65	228	518902	90.07	ng		99
83) Bis(2-ethylhexyl)phthalate	14.58	149	392150	109.70	ng	#	97
84) Di-n-octyl phthalate	15.39	149	550110	102.75	ng		99
85) Indeno(1,2,3-cd)pyrene	18.04	276	622942	90.03	ng		97
87) Benzo(b)fluoranthene	15.94	252	597558	104.26	ng	#	97
88) Benzo(k)fluoranthene	15.97	252	444394m	76.36	ng		
89) Benzo(a)pyrene	16.35	252	496646	93.02	ng	#	97
90) Dibenzo(a,h)anthracene	18.05	278	519428	89.25	ng		98
91) Benzo(g,h,i)perylene	18.52	276	529386	87.89	ng		96

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

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