Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087794.D
Acq On : 7 Jun 2016 16:55
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
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6/8/2016 7:14:40 PM

Quant Time: Jun 07 18:52:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:50:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	103295	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	428139	20.00	ng		0.01
38) Acenaphthene-d10	9.88	164	202180	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	361293	20.00	ng		0.00
75) Chrysene-d12	13.99	240	240035	20.00	ng		0.00
86) Perylene-d12	15.41	264	205912	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	828653	129.66	ng		0.01
7) Phenol-d6	6.49	99	1021694	127.48	ng		0.01
23) Nitrobenzene-d5	7.42	82	1052717	142.26	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	264456	130.31	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.95	244	1413821	143.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	217325	70.35	ng	#	34
3) Pyridine	3.14	79	580567	71.14	ng		97
4) n-Nitrosodimethylamine	3.11	42	229205	66.48	ng		93
6) Aniline	6.51	93	751551	66.15	ng		97
8) 2-Chlorophenol	6.64	128	529526	72.00	ng		81
11) bis(2-Chloroethyl)ether	6.59	93	501132	75.57	ng		86
12) 1,3-Dichlorobenzene	6.79	146	554764	70.46	ng		97
13) 1,4-Dichlorobenzene	6.87	146	582934	73.78	ng		97
14) 1,2-Dichlorobenzene	7.02	146	439704m	59.37	ng		
15) Benzyl Alcohol	6.99	79	381324	64.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	592557	61.28	ng		93
17) 2-Methylphenol	7.11	107	424692	71.92	ng		99
18) Hexachloroethane	7.36	117	199934	72.37	ng		89
19) n-Nitroso-di-n-propylamine	7.28	70	351670	70.26	ng		92
22) Acetophenone	7.27	105	619952	63.93	ng	#	87
24) Nitrobenzene	7.44	77	538677	72.74	ng		92
25) Isophorone	7.68	82	1014948	75.34	ng		99
26) 2-Nitrophenol	7.75	139	263606	76.60	ng		94
27) 2,4-Dimethylphenol	7.79	122	470850	66.02	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	591382	69.20	ng		97
29) 2,4-Dichlorophenol	8.00	162	458781	78.33	ng		89
30) 1,2,4-Trichlorobenzene	8.08	180	455065	74.19	ng		96
31) Naphthalene	8.16	128	1515704	72.81	ng		99
32) Benzoic acid	7.94	122	322518	74.96	ng		98
33) 4-Chloroaniline	8.20	127	629934	69.66	ng		99
34) Hexachlorobutadiene	8.27	225	233624	73.26	ng		99
35) Caprolactam	8.60	113	150612	78.28	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	496329	81.92	ng		95
37) 2-Methylnaphthalene	8.84	142	916679	66.68	ng	#	95
40) Hexachlorocyclopentadiene	8.99	237	263558	80.41	ng		98
42) 2,4,6-Trichlorophenol	9.12	196	305253	72.54	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	308008	78.65	ng	#	93
45) 1,1'-Biphenyl	9.31	154	1129740	68.85	ng		96
46) 2-Chloronaphthalene	9.34	162	921110	70.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.43	65	251590	68.41	ng		90
48) Acenaphthylene	9.75	152	1284233	63.05	ng		98
49) Dimethylphthalate	9.62	163	1070124	72.80	ng		100
50) 2,6-Dinitrotoluene	9.68	165	282059	84.34	ng		89
51) Acenaphthene	9.92	154	804578	61.39	ng		99
52) 3-Nitroaniline	9.85	138	312011	81.57	ng	#	71
54) Dibenzofuran	10.09	168	1105295	61.94	ng	#	88
55) 4-Nitrophenol	10.00	139	237230	72.56	ng		91
56) 2,4-Dinitrotoluene	10.08	165	341032	80.08	ng	#	75
57) Fluorene	10.43	166	893577	64.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	219233	64.99	ng	#	50
59) Diethylphthalate	10.31	149	1062186	71.96	ng		98
61) 4-Nitroaniline	10.47	138	303464	82.52	ng		96
62) Azobenzene	10.58	77	958179	64.49	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	182812	111.70	ng	#	45
65) n-Nitrosodiphenylamine	10.55	169	818620	69.18	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	270259	75.44	ng	#	91
67) Hexachlorobenzene	10.98	284	307561	76.77	ng	#	66
68) Atrazine	11.07	200	234033	66.76	ng		92
69) Pentachlorophenol	11.17	266	168121	70.63	ng		99
70) Phenanthrene	11.39	178	1430611	73.03	ng		99
71) Anthracene	11.44	178	1211426	61.72	ng		100
72) Carbazole	11.60	167	1423594	76.62	ng		99
73) Di-n-butylphthalate	11.93	149	1634982	82.08	ng		100
74) Fluoranthene	12.57	202	1300149	67.45	ng		100
77) Pyrene	12.80	202	1356047	79.34	ng		99
79) Butylbenzylphthalate	13.42	149	575578	79.12	ng	#	86
81) 3,3'-Dichlorobenzidine	13.94	252	262238	67.10	ng	#	96
82) Chrysene	14.02	228	988385	71.68	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	665467	76.87	ng	#	98
84) Di-n-octyl phthalate	14.58	149	1148352	71.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1057003	92.74	ng	#	100
87) Benzo(b)fluoranthene	15.01	252	1016460m	75.89	ng		
89) Benzo(a)pyrene	15.35	252	829928	73.71	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	850308	88.74	ng		99
91) Benzo(g,h,i)perylene	17.21	276	915307	94.68	ng		99

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

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