Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091531.D
Acq On : 9 Dec 2016 16:40
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
12/12/2016 6:49:39 PM

Quant Time: Dec 09 18:56:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 15:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	281930	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1049204	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	531496	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	814841	20.00	ng		0.00
75) Chrysene-d12	13.97	240	458714	20.00	ng		0.01
86) Perylene-d12	15.38	264	489102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2244983	130.08	ng		0.00
7) Phenol-d6	6.46	99	2721914	128.12	ng		0.01
23) Nitrobenzene-d5	7.39	82	2578861	137.74	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	573339	113.94	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.92	244	2842322	134.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	640604	82.05	ng	#	85
3) Pyridine	3.10	79	1801804	81.55	ng	#	81
4) n-Nitrosodimethylamine	3.08	42	773492	66.72	ng	#	65
6) Aniline	6.49	93	1825186	64.68	ng	#	76
8) 2-Chlorophenol	6.60	128	1261445	66.67	ng		85
11) bis(2-Chloroethyl)ether	6.56	93	1274508	71.36	ng		92
12) 1,3-Dichlorobenzene	6.76	146	1460991	69.41	ng		98
14) 1,2-Dichlorobenzene	6.99	146	1177570	60.38	ng		99
15) Benzyl Alcohol	6.97	79	1038030	61.05	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1916483	49.90	ng		81
17) 2-Methylphenol	7.08	107	1060885	70.93	ng	#	76
18) Hexachloroethane	7.33	117	570588	76.75	ng		89
19) n-Nitroso-di-n-propylamine	7.25	70	976953	72.99	ng	#	79
22) Acetophenone	7.24	105	1817925	73.10	ng	#	90
24) Nitrobenzene	7.41	77	1657141	86.45	ng	#	83
25) Isophorone	7.65	82	2557826	77.11	ng		99
26) 2-Nitrophenol	7.72	139	679739	77.81	ng		88
27) 2,4-Dimethylphenol	7.77	122	1115413	68.26	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	1330419	66.64	ng		99
29) 2,4-Dichlorophenol	7.96	162	993554	69.12	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	1086142	67.39	ng		99
31) Naphthalene	8.13	128	3452747	69.24	ng		100
32) Benzoic acid	7.93	122	928401	77.07	ng		97
33) 4-Chloroaniline	8.18	127	1482344	69.54	ng		98
34) Hexachlorobutadiene	8.25	225	618791	62.44	ng		98
35) Caprolactam	8.58	113	326059	78.92	ng	#	55
36) 4-Chloro-3-methylphenol	8.67	107	1206323	77.73	ng		96
37) 2-Methylnaphthalene	8.82	142	2257822	66.65	ng		96
40) Hexachlorocyclopentadiene	8.97	237	514356	74.06	ng		99
42) 2,4,6-Trichlorophenol	9.09	196	660184	67.80	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	667316	68.38	ng	#	87
45) 1,1'-Biphenyl	9.29	154	2804753	73.39	ng		94
46) 2-Chloronaphthalene	9.31	162	2126867	74.73	ng		97
47) 2-Nitroaniline	9.40	65	688213	67.32	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.72	152	3039101	67.83	ng		98
49) Dimethylphthalate	9.60	163	2470569	76.77	ng		99
50) 2,6-Dinitrotoluene	9.65	165	582885	81.03	ng	#	61
51) Acenaphthene	9.89	154	2078289	68.77	ng		97
52) 3-Nitroaniline	9.81	138	604710	72.63	ng		92
54) Dibenzofuran	10.06	168	2585479	63.90	ng		97
55) 4-Nitrophenol	9.98	139	549186	91.33	ng	#	73
56) 2,4-Dinitrotoluene	10.05	165	731468	78.39	ng	#	78
57) Fluorene	10.41	166	2124853	68.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	489632	58.76	ng		89
59) Diethylphthalate	10.28	149	2159274	67.97	ng		98
61) 4-Nitroaniline	10.43	138	626759	80.17	ng		86
62) Azobenzene	10.56	77	2420534	74.67	ng		91
65) n-Nitrosodiphenylamine	10.52	169	1792475	72.55	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	608743	69.51	ng		95
67) Hexachlorobenzene	10.96	284	642315	67.87	ng	#	93
68) Atrazine	11.05	200	487955	60.98	ng		100
69) Pentachlorophenol	11.14	266	367962	66.04	ng		93
70) Phenanthrene	11.37	178	2998090	70.81	ng		99
71) Anthracene	11.41	178	2705880	64.39	ng		98
72) Carbazole	11.57	167	2876584	75.44	ng		99
73) Di-n-butylphthalate	11.91	149	3018630	69.85	ng		98
74) Fluoranthene	12.55	202	2646129	65.98	ng		95
76) Benzidine	12.67	184	969503	72.00	ng		96
77) Pyrene	12.77	202	2780358	79.87	ng		98
79) Butylbenzylphthalate	13.39	149	1223857	93.89	ng	#	85
80) Benzo(a)anthracene	13.95	228	1998468	74.50	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	758689	80.28	ng		99
82) Chrysene	14.00	228	2085209	78.56	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1487777	90.04	ng	#	94
84) Di-n-octyl phthalate	14.57	149	2465379	98.60	ng		94
85) Indeno(1,2,3-cd)pyrene	16.76	276	2241169	92.20	ng		100
87) Benzo(b)fluoranthene	14.98	252	1986858	65.35	ng		99
88) Benzo(k)fluoranthene	15.01	252	1973866m	77.21	ng		
89) Benzo(a)pyrene	15.32	252	1967022	72.05	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	1870619	74.08	ng		98
91) Benzo(g,h,i)perylene	17.17	276	2000833	76.85	ng		96

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

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