Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091273.D
Acq On : 23 Nov 2016 12:13
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
11/28/2016 4:52:07 PM

Quant Time: Nov 23 13:19:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 12:39:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	220776	20.00	ng		0.01
21) Naphthalene-d8	8.17	136	863076	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	506486	20.00	ng		0.01
63) Phenanthrene-d10	11.40	188	800189	20.00	ng		0.00
75) Chrysene-d12	14.04	240	555984	20.00	ng		0.00
86) Perylene-d12	15.47	264	462027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1965905	70.29	ng		0.01
7) Phenol-d6	6.52	99	2472505	68.60	ng		0.02
23) Nitrobenzene-d5	7.46	82	2438846	81.57	ng		0.01
41) 2,4,6-Tribromophenol	10.72	330	650565	61.59	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.99	244	3409163	68.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	461032	69.84	ng		87
3) Pyridine	3.23	79	1308427	74.35	ng		87
4) n-Nitrosodimethylamine	3.20	42	730383	76.03	ng		98
6) Aniline	6.54	93	1626373	70.89	ng	#	73
8) 2-Chlorophenol	6.67	128	1034958	67.62	ng		85
10) Phenol	6.53	94	1476024	74.15	ng		92
11) bis(2-Chloroethyl)ether	6.62	93	980817	66.04	ng		96
12) 1,3-Dichlorobenzene	6.82	146	1156007m	69.51	ng		
13) 1,4-Dichlorobenzene	6.90	146	1089541	63.28	ng		97
14) 1,2-Dichlorobenzene	7.06	146	1112546	68.80	ng		97
15) Benzyl Alcohol	7.02	79	1040947	75.30	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	2335847	72.60	ng		72
17) 2-Methylphenol	7.14	107	844364	70.03	ng	#	75
18) Hexachloroethane	7.40	117	455887	76.13	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	848650	76.10	ng	#	87
20) 3+4-Methylphenols	7.30	107	946981	63.18	ng	#	67
22) Acetophenone	7.30	105	1342201	67.36	ng	#	75
24) Nitrobenzene	7.47	77	1064835	65.38	ng		93
25) Isophorone	7.72	82	2161258	76.72	ng		97
26) 2-Nitrophenol	7.79	139	568184	91.07	ng	#	69
27) 2,4-Dimethylphenol	7.82	122	948365	69.72	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	1353093	81.34	ng		98
29) 2,4-Dichlorophenol	8.03	162	947485	80.36	ng		93
30) 1,2,4-Trichlorobenzene	8.11	180	939358	67.58	ng		99
31) Naphthalene	8.19	128	2711424	63.37	ng		99
32) Benzoic acid	7.98	122	901574	93.95	ng		96
33) 4-Chloroaniline	8.24	127	1344232	73.57	ng		96
34) Hexachlorobutadiene	8.32	225	608897	75.11	ng		98
35) Caprolactam	8.65	113	292641	80.52	ng	#	90
36) 4-Chloro-3-methylphenol	8.73	107	1030892	81.51	ng		90
37) 2-Methylnaphthalene	8.89	142	2159218	75.11	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	859564	60.44	ng		98
40) Hexachlorocyclopentadiene	9.04	237	461261	74.31	ng		98
42) 2,4,6-Trichlorophenol	9.16	196	655165	67.69	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	608703m	65.16	ng		
45) 1,1'-Biphenyl	9.36	154	2637585	71.08	ng		95
46) 2-Chloronaphthalene	9.38	162	1931190	71.05	ng		94
47) 2-Nitroaniline	9.47	65	804635	90.27	ng		89
48) Acenaphthylene	9.79	152	2717566	61.27	ng		97
49) Dimethylphthalate	9.66	163	2276293	70.80	ng		98
50) 2,6-Dinitrotoluene	9.71	165	511103	73.08	ng		96
51) Acenaphthene	9.96	154	1864934	61.85	ng		97
52) 3-Nitroaniline	9.88	138	502746	66.00	ng		89
53) 2,4-Dinitrophenol	9.98	184	253121	120.78	ng	#	79
55) 4-Nitrophenol	10.03	139	373758	68.32	ng		98
56) 2,4-Dinitrotoluene	10.11	165	662355	75.11	ng	#	59
58) 2,3,4,6-Tetrachlorophenol	10.25	232	520022	63.06	ng		97
59) Diethylphthalate	10.35	149	2121425	64.86	ng		97
61) 4-Nitroaniline	10.50	138	518090	73.96	ng		92
62) Azobenzene	10.62	77	2112190	63.51	ng		87
64) 4,6-Dinitro-2-methylphenol	10.52	198	301669	93.73	ng		85
65) n-Nitrosodiphenylamine	10.59	169	1769751	71.78	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	587330	65.40	ng		94
67) Hexachlorobenzene	11.02	284	751867	78.16	ng		98
69) Pentachlorophenol	11.21	266	402050	69.56	ng		98
70) Phenanthrene	11.44	178	3032336	72.01	ng		98
71) Anthracene	11.48	178	2707426	61.70	ng		99
72) Carbazole	11.64	167	2756982	71.94	ng	#	97
73) Di-n-butylphthalate	11.97	149	2793567	61.78	ng		98
74) Fluoranthene	12.61	202	2747451	63.10	ng		95
77) Pyrene	12.84	202	2900558	69.25	ng		98
79) Butylbenzylphthalate	13.47	149	1286063	77.94	ng		97
80) Benzo(a)anthracene	14.03	228	2184123	67.70	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	708561	66.44	ng		99
82) Chrysene	14.07	228	1918574	62.30	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1382579	65.85	ng	#	96
84) Di-n-octyl phthalate	14.65	149	2333764	71.33	ng		99
85) Indeno(1,2,3-cd)pyrene	16.90	276	2156275	84.66	ng		96
87) Benzo(b)fluoranthene	15.06	252	2299290m	78.71	ng		
88) Benzo(k)fluoranthene	15.09	252	1463706m	59.20	ng		
89) Benzo(a)pyrene	15.43	252	1910078	76.56	ng	#	94
90) Dibenzo(a,h)anthracene	16.92	278	1871402	82.05	ng	#	94
91) Benzo(g,h,i)perylene	17.33	276	1896307	84.13	ng		100

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

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