Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089935.D
Acq On : 31 Aug 2016 5:29
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
SOHIL
9/1/2016 11:52:07 AM

Quant Time: Aug 31 08:44:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 05:39:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	185438	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	802815	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	408788	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	791504	20.00	ng		0.00
75) Chrysene-d12	13.76	240	463873	20.00	ng		0.00
86) Perylene-d12	15.10	264	467596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1778461	76.60	ng		0.00
7) Phenol-d6	6.30	99	1931100	67.86	ng		0.02
23) Nitrobenzene-d5	7.22	82	1877908	68.69	ng		0.01
41) 2,4,6-Tribromophenol	10.47	330	596802	76.85	ng		0.01
44) 2-Fluorobiphenyl	9.00	172	3284119	66.20	ng		0.00
78) Terphenyl-d14	12.73	244	2963402	78.45	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	423407	77.86	ng		99
3) Pyridine	2.73	79	1203121	83.26	ng		99
4) n-Nitrosodimethylamine	2.71	42	582253	80.47	ng		100
6) Aniline	6.31	93	1358683	70.27	ng	#	54
8) 2-Chlorophenol	6.43	128	943497	74.23	ng		95
9) Benzaldehyde	6.18	77	649283	70.46	ng		93
10) Phenol	6.31	94	1198717	72.43	ng		88
11) bis(2-Chloroethyl)ether	6.39	93	828821	66.63	ng		98
12) 1,3-Dichlorobenzene	6.58	146	1003559	70.33	ng	#	95
13) 1,4-Dichlorobenzene	6.66	146	1068600	73.61	ng		95
14) 1,2-Dichlorobenzene	6.81	146	851571	66.21	ng		95
15) Benzyl Alcohol	6.80	79	582283	64.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1721366	71.88	ng		99
17) 2-Methylphenol	6.91	107	774206	76.62	ng		99
18) Hexachloroethane	7.15	117	360403	72.58	ng		96
19) n-Nitroso-di-n-propylamine	7.08	70	692562	73.87	ng		90
20) 3+4-Methylphenols	7.07	107	787879	64.65	ng		96
22) Acetophenone	7.06	105	1273162	71.76	ng	#	94
24) Nitrobenzene	7.23	77	922720	63.86	ng		96
25) Isophorone	7.48	82	2101558	75.06	ng		99
26) 2-Nitrophenol	7.55	139	597334	85.91	ng	#	84
27) 2,4-Dimethylphenol	7.60	122	861724	65.37	ng		100
28) bis(2-Chloroethoxy)methane	7.70	93	1266966	74.59	ng		99
29) 2,4-Dichlorophenol	7.79	162	812058	69.09	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	836787	65.92	ng		97
31) Naphthalene	7.95	128	2582100	64.69	ng		99
32) Benzoic acid	7.78	122	782178	90.74	ng		96
33) 4-Chloroaniline	8.01	127	1160987	72.51	ng	#	90
34) Hexachlorobutadiene	8.08	225	535934	72.04	ng		98
35) Caprolactam	8.41	113	292620m	80.13	ng		
36) 4-Chloro-3-methylphenol	8.50	107	981148	81.05	ng		88
37) 2-Methylnaphthalene	8.64	142	1606835	61.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	865864	71.71	ng		99
40) Hexachlorocyclopentadiene	8.80	237	494372	79.91	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	648322	78.27	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	588051	71.85	ng		97
45) 1,1'-Biphenyl	9.11	154	2000263	59.47	ng		96
46) 2-Chloronaphthalene	9.13	162	1739613	74.73	ng		96
47) 2-Nitroaniline	9.22	65	525723	69.84	ng		94
48) Acenaphthylene	9.54	152	2741760	71.58	ng		99
49) Dimethylphthalate	9.43	163	2237923	78.69	ng		99
50) 2,6-Dinitrotoluene	9.47	165	471320	69.87	ng		95
51) Acenaphthene	9.71	154	1825314	73.86	ng		99
52) 3-Nitroaniline	9.64	138	628398	88.12	ng	#	78
54) Dibenzofuran	9.88	168	2293479	71.49	ng		97
55) 4-Nitrophenol	9.80	139	420625	73.54	ng	#	62
56) 2,4-Dinitrotoluene	9.87	165	545192	64.76	ng	#	79
57) Fluorene	10.22	166	1468659	59.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	494648	72.23	ng		98
59) Diethylphthalate	10.11	149	1870363	65.07	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	625976	53.54	ng	#	86
61) 4-Nitroaniline	10.26	138	588830	82.62	ng		92
62) Azobenzene	10.38	77	1943305	69.91	ng		95
64) 4,6-Dinitro-2-methylphenol	10.28	198	463700	96.53	ng	#	67
65) n-Nitrosodiphenylamine	10.34	169	1581661	65.35	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	609812	76.48	ng	#	86
67) Hexachlorobenzene	10.76	284	643755	69.42	ng	#	88
68) Atrazine	10.87	200	616802	80.46	ng		98
69) Pentachlorophenol	10.95	266	416124	86.75	ng		99
70) Phenanthrene	11.16	178	2657998	69.11	ng		99
71) Anthracene	11.22	178	2479937	61.22	ng		99
72) Carbazole	11.38	167	2782642	75.14	ng		99
73) Di-n-butylphthalate	11.73	149	3072711	68.35	ng		100
74) Fluoranthene	12.34	202	2578608	63.18	ng		95
76) Benzidine	12.48	184	1755786	102.47	ng		97
77) Pyrene	12.57	202	2597269	80.39	ng		98
79) Butylbenzylphthalate	13.21	149	1379352	107.95	ng	#	78
80) Benzo(a)anthracene	13.75	228	2410778	86.36	ng		98
81) 3,3'-Dichlorobenzidine	13.73	252	831863	82.37	ng		98
82) Chrysene	13.79	228	2379414	95.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1646406	90.73	ng		98
84) Di-n-octyl phthalate	14.38	149	2674229	92.82	ng		96
85) Indeno(1,2,3-cd)pyrene	16.34	276	1772559	93.26	ng		100
87) Benzo(b)fluoranthene	14.74	252	2073191m	71.42	ng		
88) Benzo(k)fluoranthene	14.78	252	2067872m	84.23	ng		
89) Benzo(a)pyrene	15.05	252	1857892	75.14	ng	#	95
90) Dibenzo(a,h)anthracene	16.35	278	1410540	74.93	ng		98
91) Benzo(g,h,i)perylene	16.71	276	1456841	77.36	ng		95

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

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