Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084190.D
Acq On : 31 Dec 2015 12:06
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
UMANGI
1/4/2016 4:28:37 PM

Quant Time: Dec 31 13:31:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 11:53:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	327988	20.00	ng		0.01
21) Naphthalene-d8	8.19	136	1270771	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	610015	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	1103134	20.00	ng		0.01
75) Chrysene-d12	14.07	240	578793	20.00	ng		0.00
86) Perylene-d12	15.51	264	567593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2822701	67.79	ng		0.01
7) Phenol-d6	6.54	99	3474196	65.94	ng		0.01
23) Nitrobenzene-d5	7.48	82	3416265	74.25	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	759440	58.25	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.03	244	4289435	82.95	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	737663	76.17	ng	#	74
3) Pyridine	3.26	79	2129411	79.72	ng	#	67
4) n-Nitrosodimethylamine	3.24	42	1073195	78.24	ng	#	77
6) Aniline	6.58	93	2645749	68.69	ng	#	82
8) 2-Chlorophenol	6.69	128	1535631	64.46	ng		88
10) Phenol	6.56	94	1898856	63.40	ng		88
11) bis(2-Chloroethyl)ether	6.65	93	1467867	63.46	ng	#	81
12) 1,3-Dichlorobenzene	6.85	146	1680915	67.95	ng		97
13) 1,4-Dichlorobenzene	6.92	146	1563934	62.23	ng		99
14) 1,2-Dichlorobenzene	7.08	146	1538215	64.77	ng		96
15) Benzyl Alcohol	7.06	79	1544200	69.34	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.20	45	2954220	69.92	ng		88
17) 2-Methylphenol	7.16	107	1432761	72.18	ng		96
18) Hexachloroethane	7.42	117	715365	74.24	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	1273490	71.86	ng	#	75
20) 3+4-Methylphenols	7.32	107	1394215	58.37	ng	#	84
22) Acetophenone	7.32	105	2293078	72.22	ng	#	81
24) Nitrobenzene	7.49	77	1735524	72.60	ng		93
25) Isophorone	7.74	82	3423522	77.57	ng		98
26) 2-Nitrophenol	7.81	139	956625	94.38	ng		93
27) 2,4-Dimethylphenol	7.85	122	1553809	70.26	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	1975828	73.14	ng		96
29) 2,4-Dichlorophenol	8.05	162	1315436	73.34	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	1307533	68.95	ng		97
31) Naphthalene	8.21	128	4024656m	66.27	ng		
32) Benzoic acid	8.01	122	1215211m	123.78	ng		
33) 4-Chloroaniline	8.27	127	2103561	78.37	ng		93
34) Hexachlorobutadiene	8.34	225	827771	78.25	ng		97
35) Caprolactam	8.67	113	482372m	80.53	ng		
36) 4-Chloro-3-methylphenol	8.75	107	1416183	70.46	ng		93
37) 2-Methylnaphthalene	8.91	142	2927509m	68.55	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	1138509	61.15	ng		98
40) Hexachlorocyclopentadiene	9.06	237	829758	77.78	ng		97
42) 2,4,6-Trichlorophenol	9.18	196	924789	67.95	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	935642	72.72	ng		96
45) 1,1'-Biphenyl	9.38	154	3521537	66.58	ng		94
46) 2-Chloronaphthalene	9.40	162	2686412	68.06	ng		93
47) 2-Nitroaniline	9.49	65	998556	81.74	ng		97
48) Acenaphthylene	9.81	152	3443636	53.98	ng	#	91
49) Dimethylphthalate	9.69	163	3219849	70.86	ng	#	90
50) 2,6-Dinitrotoluene	9.74	165	771760	78.96	ng		98
51) Acenaphthene	9.98	154	2472658	58.88	ng		98
52) 3-Nitroaniline	9.90	138	852198	69.74	ng		96
55) 4-Nitrophenol	10.06	139	729555	84.59	ng	#	85
56) 2,4-Dinitrotoluene	10.14	165	1026743	84.44	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	10.27	232	699866	62.63	ng	#	98
59) Diethylphthalate	10.38	149	3102160	65.17	ng		94
60) 4-Chlorophenyl-phenylether	10.49	204	1165808	59.73	ng	#	88
61) 4-Nitroaniline	10.53	138	868483	83.06	ng		86
62) Azobenzene	10.65	77	3182691	64.12	ng		85
64) 4,6-Dinitro-2-methylphenol	10.54	198	466467	89.57	ng	#	56
65) n-Nitrosodiphenylamine	10.61	169	2214926	59.87	ng		98
66) 4-Bromophenyl-phenylether	10.98	248	778057	62.18	ng	#	75
67) Hexachlorobenzene	11.05	284	951105	68.97	ng		97
68) Atrazine	11.14	200	686181	55.59	ng		98
69) Pentachlorophenol	11.23	266	528032	84.17	ng		98
70) Phenanthrene	11.46	178	3622812m	55.06	ng		
71) Anthracene	11.52	178	4125783	66.63	ng		94
72) Carbazole	11.66	167	3354227	57.03	ng		94
73) Di-n-butylphthalate	12.00	149	3963020	57.82	ng	#	92
74) Fluoranthene	12.65	202	3971223	62.66	ng		93
76) Benzidine	12.76	184	1413150	65.01	ng		98
77) Pyrene	12.88	202	3943455	88.75	ng		93
79) Butylbenzylphthalate	13.49	149	1623467	83.52	ng		87
80) Benzo(a)anthracene	14.05	228	2653155	76.73	ng		96
81) 3,3'-Dichlorobenzidine	14.02	252	1007829	85.77	ng	#	95
82) Chrysene	14.10	228	2707239	83.98	ng		96
83) Bis(2-ethylhexyl)phthalate	14.05	149	1938234	76.77	ng		98
84) Di-n-octyl phthalate	14.67	149	3332770	79.11	ng	#	85
87) Benzo(b)fluoranthene	15.09	252	2493699	64.25	ng	#	96
88) Benzo(k)fluoranthene	15.13	252	2349543m	76.46	ng		
89) Benzo(a)pyrene	15.45	252	2310537	71.80	ng	#	95
90) Dibenzo(a,h)anthracene	16.96	278	2296167	86.40	ng		99
91) Benzo(g,h,i)perylene	17.38	276	2460919	90.91	ng		95

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

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