Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080814.D
Acq On : 3 Aug 2015 22:01
Operator : TP
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
MMDadoda
8/5/2015 2:27:42 PM

Quant Time: Aug 04 01:45:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:06:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	190605	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	671538	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	287564	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	463782	20.00	ng		0.01
75) Chrysene-d12	13.99	240	339493	20.00	ng		0.00
86) Perylene-d12	15.39	264	302183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1728375	152.58	ng		0.00
7) Phenol-d6	6.49	99	2268874	151.63	ng		0.02
23) Nitrobenzene-d5	7.41	82	2067111	151.75	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	422888	142.19	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	3001501	156.90	ng		0.01
78) Terphenyl-d14	12.94	244	2474709	141.91	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	430154	77.99	ng		97
3) Pyridine	3.21	79	1224991	81.11	ng		98
4) n-Nitrosodimethylamine	3.18	42	691079	80.53	ng		100
6) Aniline	6.51	93	1559772	71.98	ng		98
8) 2-Chlorophenol	6.62	128	851274	68.38	ng	#	74
9) Benzaldehyde	6.38	77	607658	64.04	ng		93
10) Phenol	6.50	94	1356452	80.35	ng		86
11) bis(2-Chloroethyl)ether	6.58	93	950744	74.67	ng		87
12) 1,3-Dichlorobenzene	6.78	146	1068991m	77.77	ng		
13) 1,4-Dichlorobenzene	6.85	146	995390	70.90	ng		98
14) 1,2-Dichlorobenzene	7.01	146	918963m	71.25	ng		
15) Benzyl Alcohol	6.99	79	807883	66.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1884966	71.35	ng		97
17) 2-Methylphenol	7.09	107	828132	80.09	ng		95
18) Hexachloroethane	7.36	117	399316	75.91	ng	#	78
19) n-Nitroso-di-n-propylamine	7.28	70	741028	74.00	ng	#	93
20) 3+4-Methylphenols	7.26	107	930191	75.00	ng		91
22) Acetophenone	7.26	105	1272606	77.33	ng	#	93
24) Nitrobenzene	7.44	77	1059241	74.76	ng		94
25) Isophorone	7.68	82	1901071	76.91	ng		99
26) 2-Nitrophenol	7.74	139	511503m	91.31	ng		
27) 2,4-Dimethylphenol	7.78	122	808076	74.83	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	1157924	80.30	ng		98
29) 2,4-Dichlorophenol	7.98	162	731411	78.27	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	755844	73.23	ng	#	95
31) Naphthalene	8.14	128	2207570	65.01	ng		97
32) Benzoic acid	7.93	122	612673	86.97	ng		95
33) 4-Chloroaniline	8.19	127	973674	68.65	ng	#	93
34) Hexachlorobutadiene	8.26	225	481417	73.17	ng		99
35) Caprolactam	8.59	113	208818	74.31	ng	#	58
36) 4-Chloro-3-methylphenol	8.68	107	792611	76.83	ng		99
37) 2-Methylnaphthalene	8.83	142	1447777	69.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	706164	76.77	ng	#	97
40) Hexachlorocyclopentadiene	8.99	237	468186	83.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	528905	84.03	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	484787	77.72	ng		94
45) 1,1'-Biphenyl	9.30	154	1454335	65.00	ng		96
46) 2-Chloronaphthalene	9.32	162	1271289	69.69	ng		93
47) 2-Nitroaniline	9.41	65	554700	79.19	ng		88
48) Acenaphthylene	9.73	152	2155889	75.33	ng		99
49) Dimethylphthalate	9.61	163	1385115	69.35	ng		99
50) 2,6-Dinitrotoluene	9.66	165	309272	72.79	ng		96
51) Acenaphthene	9.90	154	1327160	76.21	ng		99
52) 3-Nitroaniline	9.84	138	406002	81.30	ng		98
53) 2,4-Dinitrophenol	9.94	184	199623	85.29	ng	#	80
54) Dibenzofuran	10.08	168	1661644	71.34	ng		95
55) 4-Nitrophenol	9.98	139	251538	70.20	ng		96
56) 2,4-Dinitrotoluene	10.06	165	383861	69.55	ng		98
57) Fluorene	10.42	166	1174835	64.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	341277	73.31	ng		94
59) Diethylphthalate	10.30	149	1434123	74.21	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	689346	80.30	ng	#	82
61) 4-Nitroaniline	10.45	138	349309	78.91	ng		87
62) Azobenzene	10.58	77	1752598	82.27	ng		92
64) 4,6-Dinitro-2-methylphenol	10.48	198	273608	95.15	ng		94
65) n-Nitrosodiphenylamine	10.53	169	1169468	75.59	ng		98
66) 4-Bromophenyl-phenylether	10.91	248	393276	82.69	ng	#	75
67) Hexachlorobenzene	10.97	284	434519	77.46	ng	#	79
68) Atrazine	11.06	200	163559	44.12	ng		97
69) Pentachlorophenol	11.16	266	243134	73.99	ng		96
70) Phenanthrene	11.38	178	1663343	70.35	ng		99
71) Anthracene	11.44	178	1755694	76.97	ng		99
72) Carbazole	11.58	167	1451033	71.73	ng	#	97
73) Di-n-butylphthalate	11.92	149	1859066	76.41	ng		99
74) Fluoranthene	12.57	202	1861636	83.56	ng		92
76) Benzidine	12.68	184	342487	28.52	ng		98
77) Pyrene	12.78	202	1747855	68.03	ng		99
79) Butylbenzylphthalate	13.41	149	779301	78.43	ng		88
80) Benzo(a)anthracene	13.97	228	1402316	69.62	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	463804	66.22	ng	#	97
82) Chrysene	14.01	228	1279532	65.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	912117	71.13	ng		100
84) Di-n-octyl phthalate	14.59	149	1570321	73.80	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	1539940	94.81	ng		100
87) Benzo(b)fluoranthene	15.00	252	1393277m	77.55	ng		
88) Benzo(k)fluoranthene	15.03	252	942552m	62.66	ng		
89) Benzo(a)pyrene	15.35	252	1187108	79.72	ng	#	97
90) Dibenzo(a,h)anthracene	16.80	278	1250935	92.61	ng		97
91) Benzo(g,h,i)perylene	17.20	276	1287284	96.15	ng	#	96

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

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