Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
Data File : BF085103.D
Acq On : 1 Mar 2016 20:57
Operator : SJ/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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3/2/2016 1:04:17 PM

Quant Time: Mar 02 13:20:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 00:39:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	191249	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	779417	20.00	ng		0.01
38) Acenaphthene-d10	10.03	164	373053	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	697833	20.00	ng		0.00
75) Chrysene-d12	14.16	240	486940	20.00	ng		0.00
86) Perylene-d12	15.62	264	394651	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1829984	167.59	ng		0.01
7) Phenol-d6	6.63	99	2267095	164.45	ng		0.01
23) Nitrobenzene-d5	7.56	82	2061364	158.10	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	629437	159.27	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.11	244	3376816	189.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	436050	83.23	ng		100
3) Pyridine	3.46	79	1210484	87.91	ng		99
4) n-Nitrosodimethylamine	3.43	42	510466	79.37	ng		95
6) Aniline	6.66	93	1589962	81.99	ng		96
8) 2-Chlorophenol	6.78	128	949194	74.86	ng		93
9) Benzaldehyde	6.54	77	464657	58.60	ng		98
10) Phenol	6.64	94	1345666m	91.03	ng		
11) bis(2-Chloroethyl)ether	6.73	93	916887	72.49	ng		95
12) 1,3-Dichlorobenzene	6.94	146	1005728m	73.12	ng		
13) 1,4-Dichlorobenzene	7.02	146	1100849	80.28	ng		93
14) 1,2-Dichlorobenzene	7.16	146	845586	65.60	ng		96
15) Benzyl Alcohol	7.13	79	873540	85.63	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1539454	81.36	ng		100
17) 2-Methylphenol	7.24	107	831491	80.78	ng		98
18) Hexachloroethane	7.51	117	387902	77.85	ng		98
19) n-Nitroso-di-n-propylamine	7.42	70	739879	77.23	ng		93
20) 3+4-Methylphenols	7.40	107	1003155	79.42	ng	#	81
22) Acetophenone	7.40	105	1357182	69.85	ng	#	88
24) Nitrobenzene	7.59	77	1223228	92.65	ng	#	84
25) Isophorone	7.83	82	2153931	79.83	ng		97
26) 2-Nitrophenol	7.90	139	562932	113.52	ng	#	85
27) 2,4-Dimethylphenol	7.93	122	986137	77.24	ng		93
28) bis(2-Chloroethoxy)methane	8.03	93	1240168	78.27	ng		97
29) 2,4-Dichlorophenol	8.14	162	843051	77.43	ng		93
30) 1,2,4-Trichlorobenzene	8.22	180	840660	68.45	ng		98
31) Naphthalene	8.31	128	2776417	74.37	ng		99
32) Benzoic acid	8.07	122	714204	87.93	ng		98
33) 4-Chloroaniline	8.35	127	1198865	74.51	ng	#	87
34) Hexachlorobutadiene	8.42	225	530236	71.39	ng		99
35) Caprolactam	8.74	113	268442	81.79	ng		99
36) 4-Chloro-3-methylphenol	8.83	107	965458	82.95	ng		85
37) 2-Methylnaphthalene	8.99	142	1586902	65.26	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	866525	69.52	ng		98
40) Hexachlorocyclopentadiene	9.15	237	535071	78.97	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	594519	74.60	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	543266	69.55	ng		95
45) 1,1'-Biphenyl	9.46	154	2218614	69.72	ng		95
46) 2-Chloronaphthalene	9.48	162	1621939	69.24	ng		97
47) 2-Nitroaniline	9.58	65	605882	101.29	ng	#	80
48) Acenaphthylene	9.90	152	2610410	69.23	ng		100
49) Dimethylphthalate	9.76	163	1995085	73.42	ng		99
50) 2,6-Dinitrotoluene	9.82	165	452688	78.81	ng		89
51) Acenaphthene	10.08	154	1706483	73.26	ng		95
52) 3-Nitroaniline	9.99	138	474921	70.34	ng		90
53) 2,4-Dinitrophenol	10.09	184	230048	149.18	ng	#	1
54) Dibenzofuran	10.24	168	2020903	65.20	ng		99
55) 4-Nitrophenol	10.14	139	381107	71.28	ng	#	60
56) 2,4-Dinitrotoluene	10.23	165	678433	96.04	ng	#	69
57) Fluorene	10.58	166	1584015	62.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	413605	65.05	ng		100
59) Diethylphthalate	10.46	149	1823585	64.74	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	857972	65.75	ng		98
61) 4-Nitroaniline	10.60	138	527510	82.60	ng		85
62) Azobenzene	10.73	77	2061134	75.97	ng		98
65) n-Nitrosodiphenylamine	10.70	169	1451197	66.11	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	543300	67.62	ng		93
67) Hexachlorobenzene	11.13	284	594572	69.79	ng		95
68) Atrazine	11.22	200	462637	72.71	ng		96
69) Pentachlorophenol	11.32	266	402650	78.35	ng		97
70) Phenanthrene	11.54	178	2524522	72.25	ng		100
71) Anthracene	11.60	178	2498657	70.44	ng		99
72) Carbazole	11.75	167	2121447	66.01	ng		99
73) Di-n-butylphthalate	12.08	149	2938733	79.23	ng		98
74) Fluoranthene	12.73	202	2387606	63.08	ng		97
77) Pyrene	12.96	202	2434419	81.64	ng		100
79) Butylbenzylphthalate	13.58	149	1202370	100.48	ng		90
80) Benzo(a)anthracene	14.15	228	2029976	74.24	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	664759	66.95	ng		99
82) Chrysene	14.18	228	1793110m	71.38	ng		
83) Bis(2-ethylhexyl)phthalate	14.13	149	1275721	80.08	ng		99
84) Di-n-octyl phthalate	14.74	149	1873471	73.80	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	2071854	85.18	ng		99
87) Benzo(b)fluoranthene	15.20	252	1654652	66.09	ng	#	98
88) Benzo(k)fluoranthene	15.23	252	1629365m	81.56	ng		
89) Benzo(a)pyrene	15.57	252	1584062	74.71	ng		98
90) Dibenzo(a,h)anthracene	17.14	278	1713937	92.46	ng		98
91) Benzo(g,h,i)perylene	17.58	276	1769796	96.59	ng		97

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

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