Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090340.D
Acq On : 4 Oct 2016 13:23
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
10/5/2016 7:26:04 PM

Quant Time: Oct 04 13:51:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 12:59:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	272621	20.00	ng		0.01
21) Naphthalene-d8	8.30	136	1014437	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	458533	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	684898	20.00	ng		0.01
75) Chrysene-d12	14.19	240	523395	20.00	ng		0.00
86) Perylene-d12	15.70	264	517076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2471511	147.77	ng		0.00
7) Phenol-d6	6.64	99	2991341	144.82	ng		0.01
23) Nitrobenzene-d5	7.58	82	2808925	160.51	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	728004	185.06	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	3845305	164.63	ng		0.00
78) Terphenyl-d14	13.14	244	3295668	159.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	653585	72.02	ng	#	88
3) Pyridine	3.48	79	1762418	89.56	ng	#	80
4) n-Nitrosodimethylamine	3.44	42	660402	112.44	ng	#	54
6) Aniline	6.67	93	2207138	85.72	ng		99
8) 2-Chlorophenol	6.80	128	1432732	74.45	ng		95
9) Benzaldehyde	6.56	77	736913	81.87	ng		99
10) Phenol	6.65	94	1957218	80.15	ng		94
11) bis(2-Chloroethyl)ether	6.75	93	1454011	76.36	ng		95
12) 1,3-Dichlorobenzene	6.96	146	1541397	76.67	ng		98
13) 1,4-Dichlorobenzene	7.03	146	1378039	67.13	ng		99
14) 1,2-Dichlorobenzene	7.19	146	1416274	77.45	ng		100
15) Benzyl Alcohol	7.15	79	1163845	94.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1976105	86.85	ng		90
17) 2-Methylphenol	7.26	107	1088878	71.83	ng		98
18) Hexachloroethane	7.53	117	558422	76.27	ng		99
19) n-Nitroso-di-n-propylamine	7.44	70	1025110	84.48	ng	#	78
20) 3+4-Methylphenols	7.42	107	1248596	68.61	ng		97
22) Acetophenone	7.43	105	1826941	74.68	ng	#	86
24) Nitrobenzene	7.60	77	1473960	80.84	ng		95
25) Isophorone	7.84	82	2492448	68.17	ng		99
26) 2-Nitrophenol	7.92	139	638024	71.06	ng	#	88
27) 2,4-Dimethylphenol	7.95	122	1251507	78.45	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	1431161	64.71	ng		98
29) 2,4-Dichlorophenol	8.16	162	1031087	73.69	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	1058514	75.74	ng		99
31) Naphthalene	8.33	128	3419127	70.78	ng		99
32) Benzoic acid	8.08	122	867457	79.21	ng		97
33) 4-Chloroaniline	8.36	127	1283118	64.04	ng		97
34) Hexachlorobutadiene	8.44	225	691133	93.74	ng		99
35) Caprolactam	8.74	113	262317	56.64	ng		91
36) 4-Chloro-3-methylphenol	8.84	107	1154941	73.03	ng		96
37) 2-Methylnaphthalene	9.02	142	2172805	72.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	1050698	99.83	ng		99
40) Hexachlorocyclopentadiene	9.18	237	689011	132.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	707215m	94.30	ng		
43) 2,4,5-Trichlorophenol	9.32	196	659943m	84.98	ng		
45) 1,1'-Biphenyl	9.48	154	2812138	85.72	ng		99
46) 2-Chloronaphthalene	9.51	162	2063837	85.28	ng		98
47) 2-Nitroaniline	9.60	65	680171	93.22	ng	#	75
48) Acenaphthylene	9.92	152	2948396	75.02	ng		100
49) Dimethylphthalate	9.78	163	2131211	72.97	ng		99
50) 2,6-Dinitrotoluene	9.84	165	502227	77.16	ng	#	83
51) Acenaphthene	10.09	154	1855484	79.53	ng		98
52) 3-Nitroaniline	10.01	138	618885	81.09	ng		87
53) 2,4-Dinitrophenol	10.11	184	183038	64.34	ng	#	73
54) Dibenzofuran	10.26	168	2394711	78.00	ng		92
55) 4-Nitrophenol	10.15	139	449811	86.03	ng		97
56) 2,4-Dinitrotoluene	10.24	165	569440	73.98	ng	#	44
57) Fluorene	10.62	166	2023085	87.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	435936	74.98	ng		89
59) Diethylphthalate	10.48	149	2019143	71.59	ng		93
60) 4-Chlorophenyl-phenylether	10.61	204	1073939	101.79	ng		90
61) 4-Nitroaniline	10.63	138	579875	74.55	ng		88
62) Azobenzene	10.77	77	2452923	83.55	ng		89
64) 4,6-Dinitro-2-methylphenol	10.65	198	305047	71.11	ng	#	64
65) n-Nitrosodiphenylamine	10.72	169	1638244	72.74	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	634002	94.07	ng	#	90
67) Hexachlorobenzene	11.17	284	717767	91.38	ng	#	87
68) Atrazine	11.25	200	439295	71.18	ng		97
69) Pentachlorophenol	11.35	266	402028	90.17	ng		99
70) Phenanthrene	11.58	178	2701454	84.34	ng		99
71) Anthracene	11.62	178	2555828	76.08	ng		99
72) Carbazole	11.78	167	2545902	71.69	ng		97
73) Di-n-butylphthalate	12.11	149	2913215	70.54	ng		99
74) Fluoranthene	12.77	202	2353777	68.46	ng		99
76) Benzidine	12.88	184	1129724	64.49	ng	#	95
77) Pyrene	12.99	202	2417375	67.50	ng		99
79) Butylbenzylphthalate	13.61	149	1202369	68.63	ng	#	73
80) Benzo(a)anthracene	14.19	228	2393188	84.99	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	813077	70.02	ng	#	97
82) Chrysene	14.23	228	2291261	83.53	ng		98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1796959	80.15	ng		96
84) Di-n-octyl phthalate	14.80	149	2714507	70.29	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.23	276	2805495	126.50	ng		98
87) Benzo(b)fluoranthene	15.27	252	2451491	85.62	ng		99
88) Benzo(k)fluoranthene	15.29	252	2079747m	77.40	ng		
89) Benzo(a)pyrene	15.65	252	2168444	80.51	ng		98
90) Dibenzo(a,h)anthracene	17.26	278	2308119	109.82	ng	#	95
91) Benzo(g,h,i)perylene	17.70	276	2260313	109.87	ng		99

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

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