Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086177.D
Acq On : 8 Apr 2016 19:27
Operator : UM/SJ
Sample : PB89682BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89682BS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:13 PM

Quant Time: Apr 11 14:27:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	119414	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	481888	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	238423	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	423526	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	323853	20.00	ng		-0.05
86) Perylene-d12	15.28	264	261028	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	809841	115.92	ng		-0.03
7) Phenol-d6	6.38	99	1056933	119.11	ng		-0.03
23) Nitrobenzene-d5	7.30	82	652134	79.81	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	268890	120.16	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1236762	86.25	ng		-0.05
78) Terphenyl-d14	12.83	244	1114163	80.87	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	109537	33.07	ng		97
3) Pyridine	3.01	79	290078	39.12	ng		98
4) n-Nitrosodimethylamine	2.97	42	138914	42.60	ng		97
6) Aniline	6.40	93	249581	21.44	ng	#	1
8) 2-Chlorophenol	6.51	128	329023	39.49	ng		87
9) Benzaldehyde	6.28	77	101397	21.24	ng		93
10) Phenol	6.40	94	450518	44.51	ng		92
11) bis(2-Chloroethyl)ether	6.48	93	321551m	40.12	ng		
12) 1,3-Dichlorobenzene	6.67	146	344799	39.05	ng		99
13) 1,4-Dichlorobenzene	6.74	146	348016	38.25	ng		99
14) 1,2-Dichlorobenzene	6.90	146	316991	37.86	ng		99
15) Benzyl Alcohol	6.89	79	253926	44.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	352411	35.99	ng		74
17) 2-Methylphenol	7.00	107	283187	43.11	ng		95
18) Hexachloroethane	7.23	117	124748	37.28	ng	#	85
19) n-Nitroso-di-n-propylamine	7.15	70	213657	38.85	ng		93
20) 3+4-Methylphenols	7.16	107	360843	45.17	ng	#	62
22) Acetophenone	7.15	105	463319	40.90	ng	#	90
24) Nitrobenzene	7.32	77	366495	41.00	ng	#	88
25) Isophorone	7.56	82	667827	41.40	ng		96
26) 2-Nitrophenol	7.64	139	182514	42.67	ng		91
27) 2,4-Dimethylphenol	7.69	122	333218	43.38	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	390594	41.27	ng		99
29) 2,4-Dichlorophenol	7.88	162	279057	42.97	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	294844	40.44	ng		94
31) Naphthalene	8.03	128	942866	38.90	ng		100
32) Benzoic acid	7.84	122	188265	33.40	ng		99
33) 4-Chloroaniline	8.10	127	114683	11.71	ng		98
34) Hexachlorobutadiene	8.16	225	148417	37.87	ng		97
35) Caprolactam	8.48	113	94151m	45.70	ng		
36) 4-Chloro-3-methylphenol	8.59	107	306944	42.04	ng		96
37) 2-Methylnaphthalene	8.73	142	658224	41.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	274919	38.36	ng		99
40) Hexachlorocyclopentadiene	8.88	237	176683	71.33	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	182358	39.63	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	194588	41.65	ng	#	87
45) 1,1'-Biphenyl	9.20	154	779009	37.89	ng		95
46) 2-Chloronaphthalene	9.22	162	603317	40.48	ng		97
47) 2-Nitroaniline	9.32	65	189487	43.46	ng		98
48) Acenaphthylene	9.63	152	948931	39.75	ng		100
49) Dimethylphthalate	9.50	163	737427	41.73	ng		99
50) 2,6-Dinitrotoluene	9.56	165	142424	38.09	ng		93
51) Acenaphthene	9.80	154	582190	41.01	ng		99
52) 3-Nitroaniline	9.73	138	90711	20.13	ng		99
53) 2,4-Dinitrophenol	9.86	184	146183	63.64	ng	#	65
54) Dibenzofuran	9.97	168	797801	42.55	ng		99
55) 4-Nitrophenol	9.92	139	164141	61.79	ng		86
56) 2,4-Dinitrotoluene	9.97	165	175406	37.13	ng	#	49
57) Fluorene	10.32	166	654613	40.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	158065	45.44	ng		96
59) Diethylphthalate	10.20	149	705944	39.58	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	285094	38.21	ng		99
61) 4-Nitroaniline	10.35	138	156362	35.23	ng		89
62) Azobenzene	10.46	77	735800	43.07	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	100506	39.16	ng		88
65) n-Nitrosodiphenylamine	10.43	169	571040	43.11	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	196533	45.45	ng		95
67) Hexachlorobenzene	10.86	284	203911	45.60	ng		96
68) Atrazine	10.96	200	176141	41.16	ng		96
69) Pentachlorophenol	11.06	266	155704	74.30	ng		98
70) Phenanthrene	11.28	178	999623	43.26	ng		100
71) Anthracene	11.32	178	898672	37.13	ng		99
72) Carbazole	11.48	167	783011	37.63	ng		99
73) Di-n-butylphthalate	11.81	149	1103320	42.80	ng		100
74) Fluoranthene	12.45	202	919995	38.28	ng		99
76) Benzidine	12.58	184	312408	27.34	ng		99
77) Pyrene	12.68	202	902845	39.56	ng		99
79) Butylbenzylphthalate	13.30	149	455081	44.29	ng	#	71
80) Benzo(a)anthracene	13.87	228	780739	40.90	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	138494	9.93	ng		98
82) Chrysene	13.92	228	733152	39.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	581990	42.67	ng		100
84) Di-n-octyl phthalate	14.48	149	1074615	49.34	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	594043	39.82	ng		99
87) Benzo(b)fluoranthene	14.89	252	646427m	39.37	ng		
88) Benzo(k)fluoranthene	14.91	252	652136m	44.85	ng		
89) Benzo(a)pyrene	15.22	252	602699	41.43	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	502893	42.96	ng		97
91) Benzo(g,h,i)perylene	17.01	276	491016	43.35	ng		96

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

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