Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088236.D
Acq On : 22 Jun 2016 2:34
Operator : UM/SJ
Sample : PB91486BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91486BS

Manual Integrations APPROVED
sohil
6/22/2016 6:08:06 PM

Quant Time: Jun 22 03:57:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	90079	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	360143	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	169440	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	303368	20.00	ng		0.00
75) Chrysene-d12	13.79	240	211795	20.00	ng		0.00
86) Perylene-d12	15.17	264	175200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	656918	124.67	ng		0.01
7) Phenol-d6	6.31	99	772761	121.01	ng		0.00
23) Nitrobenzene-d5	7.22	82	457220	74.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	173131	96.77	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	853580	78.73	ng		0.00
78) Terphenyl-d14	12.75	244	798446	85.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	78144	30.52	ng	#	28
3) Pyridine	2.84	79	222728	36.84	ng		91
4) n-Nitrosodimethylamine	2.80	42	87846	34.31	ng		78
6) Aniline	6.32	93	186340	20.50	ng	#	28
8) 2-Chlorophenol	6.44	128	238780	38.29	ng		82
10) Phenol	6.33	94	238928	35.73	ng		96
11) bis(2-Chloroethyl)ether	6.40	93	235917	42.13	ng		85
12) 1,3-Dichlorobenzene	6.59	146	250838m	37.49	ng		
13) 1,4-Dichlorobenzene	6.67	146	251006	37.24	ng		96
14) 1,2-Dichlorobenzene	6.82	146	236879	38.64	ng		95
15) Benzyl Alcohol	6.81	79	168692	33.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	245984	32.52	ng		75
17) 2-Methylphenol	6.94	107	192862	38.13	ng		96
18) Hexachloroethane	7.15	117	88027	36.80	ng	#	83
19) n-Nitroso-di-n-propylamine	7.08	70	151882	37.18	ng	#	78
20) 3+4-Methylphenols	7.08	107	249434	42.27	ng	#	83
22) Acetophenone	7.07	105	324696	40.34	ng		97
24) Nitrobenzene	7.24	77	253380	42.41	ng		95
25) Isophorone	7.48	82	438548	38.39	ng		98
26) 2-Nitrophenol	7.56	139	137320	42.91	ng	#	74
27) 2,4-Dimethylphenol	7.61	122	225648	38.30	ng		94
28) bis(2-Chloroethoxy)methane	7.70	93	295335	41.68	ng		98
29) 2,4-Dichlorophenol	7.80	162	201850	41.03	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	208896	39.00	ng		99
31) Naphthalene	7.95	128	675805	37.92	ng		99
32) Benzoic acid	7.77	122	112202	34.58	ng		95
33) 4-Chloroaniline	8.02	127	118641	14.91	ng	#	91
34) Hexachlorobutadiene	8.08	225	109766	38.85	ng		99
35) Caprolactam	8.40	113	65565m	40.23	ng		
36) 4-Chloro-3-methylphenol	8.52	107	224255	42.62	ng		90
37) 2-Methylnaphthalene	8.65	142	472042	40.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	192402	42.97	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	113274	41.44	ng		99
42) 2,4,6-Trichlorophenol	8.94	196	124772	36.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	123118	34.92	ng		97
45) 1,1'-Biphenyl	9.12	154	572840	45.05	ng		97
46) 2-Chloronaphthalene	9.14	162	449532	41.00	ng		94
47) 2-Nitroaniline	9.24	65	126804	39.20	ng	#	85
48) Acenaphthylene	9.55	152	686237	39.35	ng		99
49) Dimethylphthalate	9.43	163	507068	41.31	ng		100
50) 2,6-Dinitrotoluene	9.48	165	110989	39.49	ng	#	60
51) Acenaphthene	9.72	154	412554	37.92	ng		99
52) 3-Nitroaniline	9.66	138	72792	22.44	ng		91
53) 2,4-Dinitrophenol	9.77	184	90734	62.57	ng		96
54) Dibenzofuran	9.90	168	562925	37.57	ng		92
55) 4-Nitrophenol	9.85	139	128289	50.96	ng	#	78
56) 2,4-Dinitrotoluene	9.90	165	137643	38.10	ng	#	58
57) Fluorene	10.24	166	470167	46.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	112161	40.49	ng	#	58
59) Diethylphthalate	10.12	149	495073	39.85	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	184138	36.95	ng		93
61) 4-Nitroaniline	10.27	138	112348	36.52	ng		99
62) Azobenzene	10.39	77	484908	39.47	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	75446	40.20	ng	#	68
65) n-Nitrosodiphenylamine	10.35	169	406230	40.36	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	135212	41.55	ng		100
67) Hexachlorobenzene	10.78	284	131796	38.97	ng		94
68) Atrazine	10.89	200	135772	44.54	ng		97
69) Pentachlorophenol	10.98	266	102010	57.23	ng		97
70) Phenanthrene	11.19	178	651829	40.95	ng		100
71) Anthracene	11.24	178	683189	42.55	ng		99
72) Carbazole	11.40	167	656182	43.67	ng		100
73) Di-n-butylphthalate	11.74	149	753160	39.59	ng		99
74) Fluoranthene	12.38	202	697097	41.49	ng		95
76) Benzidine	12.50	184	261751	44.63	ng		98
77) Pyrene	12.59	202	687575	43.75	ng		99
79) Butylbenzylphthalate	13.22	149	313596	45.13	ng		86
80) Benzo(a)anthracene	13.78	228	483812	40.09	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	103683	31.94	ng	#	95
82) Chrysene	13.82	228	519159	45.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	372254	44.01	ng		99
84) Di-n-octyl phthalate	14.39	149	656477	47.76	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	438612	41.58	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	414778m	33.97	ng		
88) Benzo(k)fluoranthene	14.81	252	446138m	48.43	ng		
89) Benzo(a)pyrene	15.11	252	405682	41.06	ng		99
90) Dibenzo(a,h)anthracene	16.46	278	368104	40.12	ng		98
91) Benzo(g,h,i)perylene	16.83	276	391854	41.51	ng		98

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

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