Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088590.D
Acq On : 1 Jul 2016 23:10
Operator : UM/SJ
Sample : PB91760BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Manual Integrations APPROVED
sohil
7/5/2016 7:31:36 PM

Quant Time: Jul 02 03:40:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130535	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	492587	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	215751	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	360366	20.00	ng		0.00
75) Chrysene-d12	13.94	240	228220	20.00	ng		-0.01
86) Perylene-d12	15.35	264	205102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	848510	97.42	ng		0.01
7) Phenol-d6	6.44	99	1110155	98.64	ng		0.00
23) Nitrobenzene-d5	7.37	82	741711	78.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	218684	109.15	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1310543	95.95	ng		0.00
78) Terphenyl-d14	12.90	244	825995	80.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	130436	30.21	ng	#	30
3) Pyridine	3.15	79	194678	15.54	ng		94
4) n-Nitrosodimethylamine	3.10	42	88034	18.39	ng		90
6) Aniline	6.47	93	166906	10.18	ng		99
8) 2-Chlorophenol	6.59	128	209426	22.37	ng		94
9) Benzaldehyde	6.35	77	138251	18.14	ng		97
10) Phenol	6.46	94	277024	21.57	ng		83
11) bis(2-Chloroethyl)ether	6.55	93	211276	22.06	ng		89
12) 1,3-Dichlorobenzene	6.75	146	199216m	19.34	ng		
13) 1,4-Dichlorobenzene	6.82	146	200015	19.56	ng		94
14) 1,2-Dichlorobenzene	6.98	146	199403	20.84	ng		95
15) Benzyl Alcohol	6.95	79	175824	21.23	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	267724	19.30	ng		90
17) 2-Methylphenol	7.06	107	159251	20.85	ng		97
18) Hexachloroethane	7.32	117	71156	17.99	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	141800	18.76	ng		94
20) 3+4-Methylphenols	7.22	107	211281	23.05	ng	#	78
22) Acetophenone	7.22	105	281747	23.57	ng	#	91
24) Nitrobenzene	7.39	77	234121	24.70	ng		92
25) Isophorone	7.63	82	407914	23.43	ng		99
26) 2-Nitrophenol	7.70	139	79239	20.39	ng		90
27) 2,4-Dimethylphenol	7.75	122	179691	22.20	ng		91
28) bis(2-Chloroethoxy)methane	7.85	93	255873	22.58	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	157552	24.08	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	158239	22.04	ng		99
31) Naphthalene	8.11	128	542933	22.36	ng		99
32) Benzoic acid	7.84	122	77697	13.22	ng		91
33) 4-Chloroaniline	8.16	127	82193	7.61	ng		99
34) Hexachlorobutadiene	8.24	225	90772	23.61	ng		98
35) Caprolactam	8.51	113	50711m	22.82	ng		
36) 4-Chloro-3-methylphenol	8.65	107	164336	21.24	ng		88
37) 2-Methylnaphthalene	8.81	142	357097	22.84	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	146496	20.41	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	84581	24.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	117561	24.85	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	95293	23.41	ng	#	89
45) 1,1'-Biphenyl	9.27	154	415037	23.23	ng		98
46) 2-Chloronaphthalene	9.29	162	314377	22.41	ng		99
47) 2-Nitroaniline	9.38	65	105628	21.22	ng		97
48) Acenaphthylene	9.70	152	492026	22.05	ng		100
49) Dimethylphthalate	9.56	163	374685	24.38	ng		99
50) 2,6-Dinitrotoluene	9.63	165	78382	23.01	ng		90
51) Acenaphthene	9.87	154	294461	21.53	ng		98
52) 3-Nitroaniline	9.79	138	80789	18.66	ng		93
53) 2,4-Dinitrophenol	9.90	184	22507	14.96	ng		90
54) Dibenzofuran	10.04	168	423910	23.68	ng	#	89
55) 4-Nitrophenol	9.95	139	169757	51.58	ng		98
56) 2,4-Dinitrotoluene	10.02	165	90816	20.39	ng	#	35
57) Fluorene	10.39	166	310494	22.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	72927	23.16	ng	#	53
59) Diethylphthalate	10.27	149	403100	26.13	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	157447	24.56	ng		92
61) 4-Nitroaniline	10.40	138	73837	17.72	ng		93
62) Azobenzene	10.55	77	439184	24.96	ng		94
64) 4,6-Dinitro-2-methylphenol	10.43	198	12288	6.38	ng	#	66
65) n-Nitrosodiphenylamine	10.50	169	308981	25.33	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	88393	24.34	ng	#	72
67) Hexachlorobenzene	10.94	284	92385	22.98	ng		94
68) Atrazine	11.03	200	91655	24.12	ng		93
69) Pentachlorophenol	11.13	266	134566	56.56	ng		98
70) Phenanthrene	11.35	178	474518	24.09	ng		98
71) Anthracene	11.39	178	439048	22.41	ng		99
72) Carbazole	11.55	167	426243	23.12	ng		97
73) Di-n-butylphthalate	11.90	149	546175	25.47	ng	#	97
74) Fluoranthene	12.52	202	408734	20.47	ng		98
76) Benzidine	12.65	184	388482	33.68	ng		99
77) Pyrene	12.75	202	411045	21.24	ng		99
79) Butylbenzylphthalate	13.38	149	202486	23.46	ng		88
80) Benzo(a)anthracene	13.93	228	322915	21.97	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	105317	19.06	ng	#	94
82) Chrysene	13.98	228	322815	22.20	ng		97
83) Bis(2-ethylhexyl)phthalate	13.94	149	260557	26.44	ng		98
84) Di-n-octyl phthalate	14.55	149	444457	26.55	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	250252	22.37	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	279743m	21.74	ng		
88) Benzo(k)fluoranthene	14.98	252	276584m	24.69	ng		
89) Benzo(a)pyrene	15.29	252	252841	23.21	ng	#	94
90) Dibenzo(a,h)anthracene	16.71	278	213438	23.46	ng		98
91) Benzo(g,h,i)perylene	17.10	276	202479	21.51	ng		97

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

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