Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088508.D
Acq On : 29 Jun 2016 22:59
Operator : UM/SJ
Sample : PB91573BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Quant Time: Jun 30 02:25:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 02:07:38 2016
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	159793	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	671186	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	310745	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	540964	20.00	ng		0.00
75) Chrysene-d12	13.97	240	290091	20.00	ng		0.00
86) Perylene-d12	15.36	264	316367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1120413	108.58	ng		0.01
7) Phenol-d6	6.46	99	1534906	116.33	ng		0.00
23) Nitrobenzene-d5	7.39	82	1081216	84.61	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	305981	128.43	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1541556	77.57	ng		0.00
78) Terphenyl-d14	12.91	244	1155189	80.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	176665	33.53	ng	#	25
3) Pyridine	3.20	79	525383	34.25	ng		100
4) n-Nitrosodimethylamine	3.15	42	251401	41.65	ng		99
6) Aniline	6.49	93	453976	23.56	ng		95
8) 2-Chlorophenol	6.60	128	443082	39.12	ng		94
10) Phenol	6.47	94	487851	33.08	ng		90
11) bis(2-Chloroethyl)ether	6.56	93	448126	37.50	ng		98
12) 1,3-Dichlorobenzene	6.76	146	483939	40.54	ng		99
13) 1,4-Dichlorobenzene	6.84	146	491943	40.43	ng		99
14) 1,2-Dichlorobenzene	6.99	146	434523	42.93	ng		99
15) Benzyl Alcohol	6.97	79	430623	39.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	675336	38.89	ng		99
17) 2-Methylphenol	7.08	107	428842	44.50	ng		97
18) Hexachloroethane	7.34	117	182009	38.84	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	349634	38.93	ng		100
20) 3+4-Methylphenols	7.23	107	439730	41.31	ng		99
22) Acetophenone	7.23	105	649402	40.19	ng	#	99
24) Nitrobenzene	7.40	77	496503	36.22	ng		98
25) Isophorone	7.64	82	1002583	38.83	ng		94
26) 2-Nitrophenol	7.72	139	223282	50.05	ng		99
27) 2,4-Dimethylphenol	7.77	122	471037	40.63	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	612435	38.48	ng		99
29) 2,4-Dichlorophenol	7.96	162	380580	40.75	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	401448	39.09	ng	#	95
31) Naphthalene	8.12	128	1326104	38.95	ng		98
32) Benzoic acid	7.88	122	182821	37.67	ng		97
33) 4-Chloroaniline	8.17	127	205232	13.51	ng	#	89
34) Hexachlorobutadiene	8.25	225	199357	41.50	ng		98
35) Caprolactam	8.55	113	127815m	44.77	ng		
36) 4-Chloro-3-methylphenol	8.66	107	425521	41.01	ng		87
37) 2-Methylnaphthalene	8.82	142	885182	42.27	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	318287	38.03	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	381334	76.66	ng		99
42) 2,4,6-Trichlorophenol	9.10	196	279775	45.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	213518	34.46	ng		97
45) 1,1'-Biphenyl	9.29	154	1016937	41.59	ng		93
46) 2-Chloronaphthalene	9.30	162	764074	39.14	ng		100
47) 2-Nitroaniline	9.39	65	252798	42.84	ng		99
48) Acenaphthylene	9.72	152	1295924	39.51	ng		99
49) Dimethylphthalate	9.59	163	836154	39.30	ng		100
50) 2,6-Dinitrotoluene	9.64	165	213407	45.69	ng		97
51) Acenaphthene	9.90	154	819240	42.43	ng		98
52) 3-Nitroaniline	9.80	138	118665	22.34	ng		94
53) 2,4-Dinitrophenol	9.91	184	104760	140.78	ng	#	83
54) Dibenzofuran	10.07	168	1164877	40.87	ng		95
55) 4-Nitrophenol	9.96	139	293318	80.61	ng		94
56) 2,4-Dinitrotoluene	10.04	165	264936	45.36	ng	#	73
57) Fluorene	10.41	166	795519	43.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	194640	41.75	ng		98
59) Diethylphthalate	10.28	149	881045	39.64	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	332515	38.28	ng		98
61) 4-Nitroaniline	10.42	138	196149	43.58	ng		84
62) Azobenzene	10.56	77	1130407	39.10	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	79238	47.52	ng		82
65) n-Nitrosodiphenylamine	10.51	169	725430	37.45	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	237814	40.64	ng		100
67) Hexachlorobenzene	10.95	284	223137	37.50	ng		98
68) Atrazine	11.05	200	240423	42.96	ng		93
69) Pentachlorophenol	11.14	266	245324	79.27	ng		98
70) Phenanthrene	11.36	178	1073606	38.24	ng		100
71) Anthracene	11.42	178	1226260	41.65	ng		100
72) Carbazole	11.57	167	1076641	42.62	ng		100
73) Di-n-butylphthalate	11.91	149	1347209	41.54	ng		100
74) Fluoranthene	12.54	202	1048899	41.02	ng		99
76) Benzidine	12.66	184	314294	34.79	ng		99
77) Pyrene	12.77	202	978571	39.11	ng		100
79) Butylbenzylphthalate	13.39	149	438170	41.98	ng		99
80) Benzo(a)anthracene	13.95	228	759023	38.76	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	147751	22.81	ng		99
82) Chrysene	13.99	228	728652	40.09	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	588338	40.52	ng		99
84) Di-n-octyl phthalate	14.57	149	1022103	41.16	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	903951	38.14	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	838409m	45.77	ng		
88) Benzo(k)fluoranthene	14.99	252	609039m	37.13	ng		
89) Benzo(a)pyrene	15.30	252	728945	41.54	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	735956	41.37	ng		97
91) Benzo(g,h,i)perylene	17.13	276	773399	41.49	ng	#	94

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

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