Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087284.D
Acq On : 22 May 2016 11:58
Operator : UM/SJ
Sample : PB90787BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90787BS

Quant Time: May 23 03:57:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 03:47:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	131477	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	569287	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	270064	20.00	ng		-0.01
63) Phenanthrene-d10	11.07	188	487450	20.00	ng		0.00
75) Chrysene-d12	13.70	240	302407	20.00	ng		0.00
86) Perylene-d12	15.05	264	259913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	952837	121.81	ng		0.01
7) Phenol-d6	6.24	99	1296229	123.56	ng		0.00
23) Nitrobenzene-d5	7.14	82	922332	80.75	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	316623	106.09	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1321097	81.02	ng		0.00
78) Terphenyl-d14	12.65	244	1233993	92.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	130500	32.43	ng	#	65
3) Pyridine	2.68	79	323381	33.22	ng	#	66
4) n-Nitrosodimethylamine	2.65	42	265120	38.44	ng	#	48
6) Aniline	6.23	93	248615	18.66	ng	#	75
8) 2-Chlorophenol	6.35	128	393150	41.31	ng		99
9) Benzaldehyde	6.11	77	92609	13.55	ng		97
10) Phenol	6.25	94	577561	43.79	ng		85
11) bis(2-Chloroethyl)ether	6.31	93	410643	41.47	ng		90
12) 1,3-Dichlorobenzene	6.49	146	402888m	39.83	ng		
13) 1,4-Dichlorobenzene	6.57	146	416851m	40.27	ng		
14) 1,2-Dichlorobenzene	6.73	146	365874	40.38	ng		98
15) Benzyl Alcohol	6.73	79	379660	48.61	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	768419	37.75	ng	#	42
17) 2-Methylphenol	6.86	107	327937	41.96	ng	#	80
18) Hexachloroethane	7.06	117	163242	41.25	ng		93
19) n-Nitroso-di-n-propylamine	6.99	70	298757	37.46	ng	#	65
20) 3+4-Methylphenols	7.02	107	438609	42.54	ng	#	60
22) Acetophenone	6.98	105	576540	41.38	ng	#	95
24) Nitrobenzene	7.15	77	444014	35.60	ng		93
25) Isophorone	7.39	82	816518	39.05	ng		96
26) 2-Nitrophenol	7.47	139	208083	40.27	ng	#	68
27) 2,4-Dimethylphenol	7.53	122	343236	38.93	ng	#	86
28) bis(2-Chloroethoxy)methane	7.61	93	474993	41.38	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	353543	45.50	ng		94
30) 1,2,4-Trichlorobenzene	7.79	180	356396	41.34	ng		98
31) Naphthalene	7.86	128	1106215	39.77	ng		99
32) Benzoic acid	7.71	122	162874	30.99	ng	#	81
33) 4-Chloroaniline	7.95	127	89947	7.78	ng		95
34) Hexachlorobutadiene	7.99	225	206486	42.20	ng		98
35) Caprolactam	8.33	113	97972m	37.87	ng		
36) 4-Chloro-3-methylphenol	8.44	107	358570	38.26	ng	#	85
37) 2-Methylnaphthalene	8.56	142	727302m	40.88	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	333390	42.27	ng		99
40) Hexachlorocyclopentadiene	8.71	237	205058	68.57	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	206991	40.46	ng		94
43) 2,4,5-Trichlorophenol	8.90	196	203865	38.36	ng	#	81
45) 1,1'-Biphenyl	9.03	154	974905	43.54	ng		99
46) 2-Chloronaphthalene	9.05	162	721869	41.99	ng		99
47) 2-Nitroaniline	9.16	65	278493	42.27	ng		84
48) Acenaphthylene	9.45	152	1030165	39.24	ng		98
49) Dimethylphthalate	9.34	163	818772	39.74	ng		100
50) 2,6-Dinitrotoluene	9.40	165	170771	38.18	ng	#	72
51) Acenaphthene	9.62	154	614473	37.47	ng		98
52) 3-Nitroaniline	9.58	138	86798	17.92	ng	#	75
53) 2,4-Dinitrophenol	9.70	184	91900	38.47	ng		90
54) Dibenzofuran	9.80	168	942279	44.43	ng		100
55) 4-Nitrophenol	9.78	139	85783m	37.87	ng		
56) 2,4-Dinitrotoluene	9.82	165	256220	44.72	ng	#	81
57) Fluorene	10.14	166	674273	39.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	176626	42.68	ng		97
59) Diethylphthalate	10.03	149	784479	39.89	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	362320	44.86	ng		92
61) 4-Nitroaniline	10.19	138	149689	31.31	ng	#	61
62) Azobenzene	10.30	77	1057287	46.65	ng		87
64) 4,6-Dinitro-2-methylphenol	10.23	198	95216	29.66	ng		85
65) n-Nitrosodiphenylamine	10.26	169	641983	41.85	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	200187	39.94	ng	#	85
67) Hexachlorobenzene	10.68	284	219215	37.72	ng	#	73
68) Atrazine	10.80	200	226159	45.20	ng		93
69) Pentachlorophenol	10.89	266	133038	60.94	ng		96
70) Phenanthrene	11.10	178	1089923	41.23	ng		100
71) Anthracene	11.14	178	1065903	39.86	ng		100
72) Carbazole	11.31	167	938430	38.42	ng		98
73) Di-n-butylphthalate	11.64	149	1295839	46.19	ng	#	99
74) Fluoranthene	12.27	202	1013877	38.28	ng		96
76) Benzidine	12.41	184	288146	31.61	ng		96
77) Pyrene	12.50	202	1050055	48.07	ng		100
79) Butylbenzylphthalate	13.13	149	481034	52.16	ng		89
80) Benzo(a)anthracene	13.69	228	700700	40.07	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	105538	9.49	ng	#	97
82) Chrysene	13.73	228	747371	44.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	627836	55.94	ng	#	99
84) Di-n-octyl phthalate	14.30	149	961981	49.75	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	619233	41.70	ng		95
87) Benzo(b)fluoranthene	14.69	252	593475m	34.42	ng		
88) Benzo(k)fluoranthene	14.71	252	636404m	49.58	ng		
89) Benzo(a)pyrene	14.99	252	602117	41.78	ng	#	96
90) Dibenzo(a,h)anthracene	16.27	278	520254	42.87	ng		99
91) Benzo(g,h,i)perylene	16.64	276	515137	42.03	ng	#	93

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

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