Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088056.D
Acq On : 16 Jun 2016 1:59
Operator : UM/SJ
Sample : PB91233BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91233BS

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6/16/2016 6:47:30 PM

Quant Time: Jun 16 04:16:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 03:20:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105221	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	435481	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	182556	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	303693	20.00	ng		0.00
75) Chrysene-d12	13.90	240	209305	20.00	ng		0.00
86) Perylene-d12	15.29	264	214355	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	646755	105.08	ng		0.02
7) Phenol-d6	6.39	99	749475	100.48	ng		0.00
23) Nitrobenzene-d5	7.31	82	462031	61.95	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	150707	78.18	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	870583	74.21	ng		-0.01
78) Terphenyl-d14	12.85	244	554620	60.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	87365	29.21	ng	#	32
3) Pyridine	3.04	79	252385	35.74	ng		98
4) n-Nitrosodimethylamine	2.99	42	93420	31.24	ng		79
6) Aniline	6.41	93	203542	19.17	ng	#	68
8) 2-Chlorophenol	6.52	128	245613	33.71	ng		99
10) Phenol	6.40	94	244912	31.03	ng	#	65
11) bis(2-Chloroethyl)ether	6.48	93	226972	34.70	ng		95
12) 1,3-Dichlorobenzene	6.68	146	274751m	35.15	ng		
13) 1,4-Dichlorobenzene	6.76	146	270257	34.32	ng		94
14) 1,2-Dichlorobenzene	6.91	146	254683m	35.57	ng		
15) Benzyl Alcohol	6.89	79	170295	29.18	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	280537	31.75	ng		89
17) 2-Methylphenol	7.02	107	209408	35.44	ng		97
18) Hexachloroethane	7.26	117	98341	35.20	ng		94
19) n-Nitroso-di-n-propylamine	7.16	70	149308	31.29	ng		90
20) 3+4-Methylphenols	7.16	107	244480	35.47	ng		90
22) Acetophenone	7.15	105	328382	33.74	ng	#	95
24) Nitrobenzene	7.34	77	252312	34.93	ng		92
25) Isophorone	7.58	82	454405	32.90	ng		97
26) 2-Nitrophenol	7.64	139	128440	33.19	ng		94
27) 2,4-Dimethylphenol	7.70	122	241745	33.93	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	302724	35.33	ng		99
29) 2,4-Dichlorophenol	7.90	162	211912	35.62	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	220539	34.05	ng		99
31) Naphthalene	8.06	128	749021	34.76	ng		99
32) Benzoic acid	7.84	122	131693	33.57	ng		94
33) 4-Chloroaniline	8.11	127	93740	9.74	ng	#	92
34) Hexachlorobutadiene	8.17	225	105569	30.90	ng		99
35) Caprolactam	8.48	113	67711m	34.36	ng		
36) 4-Chloro-3-methylphenol	8.60	107	221811	34.87	ng		90
37) 2-Methylnaphthalene	8.74	142	441332	31.07	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	201569	41.25	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	75771	25.73	ng		97
42) 2,4,6-Trichlorophenol	9.03	196	131751	36.09	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	132925	35.00	ng	#	93
45) 1,1'-Biphenyl	9.21	154	552870	39.60	ng		98
46) 2-Chloronaphthalene	9.23	162	432711	36.63	ng		98
47) 2-Nitroaniline	9.34	65	128109	36.76	ng	#	63
48) Acenaphthylene	9.64	152	640719	34.10	ng		100
49) Dimethylphthalate	9.52	163	529163	40.02	ng		99
50) 2,6-Dinitrotoluene	9.58	165	110900	36.62	ng	#	77
51) Acenaphthene	9.82	154	371213	31.67	ng		98
52) 3-Nitroaniline	9.74	138	58774	16.82	ng		95
53) 2,4-Dinitrophenol	9.85	184	72948	49.25	ng		98
54) Dibenzofuran	9.99	168	543764	33.68	ng	#	91
55) 4-Nitrophenol	9.92	139	167577	61.78	ng	#	80
56) 2,4-Dinitrotoluene	9.98	165	125888	32.34	ng	#	56
57) Fluorene	10.33	166	418183	37.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	106467	35.67	ng	#	58
59) Diethylphthalate	10.22	149	516584	38.59	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	182751	34.04	ng	#	84
61) 4-Nitroaniline	10.35	138	94280	28.44	ng		98
62) Azobenzene	10.48	77	452473	34.18	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	62078	33.43	ng	#	69
65) n-Nitrosodiphenylamine	10.44	169	381358	37.84	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	115633	35.49	ng	#	85
67) Hexachlorobenzene	10.88	284	124536	36.79	ng	#	81
68) Atrazine	10.97	200	108989	35.72	ng		91
69) Pentachlorophenol	11.07	266	112897	63.27	ng		97
70) Phenanthrene	11.29	178	608230	38.17	ng		99
71) Anthracene	11.34	178	551658	34.32	ng		99
72) Carbazole	11.50	167	550416	36.59	ng		99
73) Di-n-butylphthalate	11.83	149	671574	35.27	ng		100
74) Fluoranthene	12.47	202	484027	28.78	ng		98
76) Benzidine	12.59	184	258315	44.57	ng		99
77) Pyrene	12.70	202	498249	32.08	ng		99
79) Butylbenzylphthalate	13.33	149	256669	37.38	ng		97
80) Benzo(a)anthracene	13.89	228	422255	35.40	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	119395	37.22	ng	#	98
82) Chrysene	13.92	228	388539	34.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	298196	35.67	ng		100
84) Di-n-octyl phthalate	14.49	149	561196	41.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	404606	38.81	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	461473m	30.89	ng		
88) Benzo(k)fluoranthene	14.93	252	393324m	34.90	ng		
89) Benzo(a)pyrene	15.23	252	421084	34.84	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	341858	30.45	ng		99
91) Benzo(g,h,i)perylene	17.03	276	324621	28.11	ng		97

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

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