Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088178.D
Acq On : 20 Jun 2016 18:27
Operator : UM/SJ
Sample : PB91291BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91291BS

Manual Integrations APPROVED
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6/21/2016 4:22:04 PM

Quant Time: Jun 20 19:20:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	84633	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	347662	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	170147	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	314552	20.00	ng		0.00
75) Chrysene-d12	13.81	240	228373	20.00	ng		0.00
86) Perylene-d12	15.18	264	198478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	535165	108.10	ng		0.01
7) Phenol-d6	6.33	99	701470	116.92	ng		0.00
23) Nitrobenzene-d5	7.24	82	470854	79.09	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	167437	93.20	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	922128	85.15	ng		-0.01
78) Terphenyl-d14	12.77	244	854302	85.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	74696	31.05	ng	#	37
3) Pyridine	2.87	79	207095	36.46	ng		92
4) n-Nitrosodimethylamine	2.82	42	92292	38.37	ng		80
6) Aniline	6.33	93	168450	19.73	ng	#	44
8) 2-Chlorophenol	6.46	128	255061	43.53	ng		92
10) Phenol	6.34	94	315771	51.32	ng		91
11) bis(2-Chloroethyl)ether	6.41	93	217659	41.37	ng		91
12) 1,3-Dichlorobenzene	6.60	146	253216	40.28	ng		98
13) 1,4-Dichlorobenzene	6.68	146	262714	41.48	ng		99
14) 1,2-Dichlorobenzene	6.83	146	229682m	39.88	ng		
15) Benzyl Alcohol	6.82	79	162608	34.64	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257360	36.21	ng		73
17) 2-Methylphenol	6.95	107	208661	43.91	ng		98
18) Hexachloroethane	7.18	117	94216	41.92	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	166718	43.44	ng	#	84
20) 3+4-Methylphenols	7.11	107	266191	48.01	ng	#	74
22) Acetophenone	7.08	105	323872	41.69	ng	#	98
24) Nitrobenzene	7.26	77	232453	40.31	ng		90
25) Isophorone	7.50	82	449506	40.76	ng		99
26) 2-Nitrophenol	7.58	139	137690	44.57	ng	#	86
27) 2,4-Dimethylphenol	7.63	122	226092	39.75	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	287694	42.06	ng	#	96
29) 2,4-Dichlorophenol	7.83	162	222346	46.82	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	204342	39.51	ng		99
31) Naphthalene	7.98	128	738131	42.90	ng		99
32) Benzoic acid	7.76	122	73133	23.35	ng		94
33) 4-Chloroaniline	8.03	127	140241	18.25	ng		96
34) Hexachlorobutadiene	8.09	225	110112	40.37	ng		98
35) Caprolactam	8.41	113	69336m	44.08	ng		
36) 4-Chloro-3-methylphenol	8.54	107	232438	45.76	ng		97
37) 2-Methylnaphthalene	8.66	142	482121	42.52	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	200988	45.59	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	114797	41.83	ng		98
42) 2,4,6-Trichlorophenol	8.96	196	134440	39.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	144963	40.95	ng		96
45) 1,1'-Biphenyl	9.13	154	577442	45.25	ng		98
46) 2-Chloronaphthalene	9.15	162	460702	41.84	ng		98
47) 2-Nitroaniline	9.26	65	128232	39.48	ng		90
48) Acenaphthylene	9.56	152	678727	38.76	ng		100
49) Dimethylphthalate	9.44	163	537434	43.60	ng		100
50) 2,6-Dinitrotoluene	9.51	165	123976	43.92	ng	#	82
51) Acenaphthene	9.74	154	425191	38.92	ng		99
52) 3-Nitroaniline	9.67	138	77506	23.80	ng		93
53) 2,4-Dinitrophenol	9.78	184	49603	37.96	ng		99
54) Dibenzofuran	9.91	168	577701	38.40	ng	#	90
55) 4-Nitrophenol	9.86	139	141668	56.04	ng	#	71
56) 2,4-Dinitrotoluene	9.91	165	158520	43.70	ng	#	61
57) Fluorene	10.25	166	488466	48.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	115460	41.50	ng	#	57
59) Diethylphthalate	10.14	149	553571	44.37	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	197504	39.47	ng		90
61) 4-Nitroaniline	10.28	138	130491	42.24	ng		98
62) Azobenzene	10.40	77	512814	41.57	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	54180	28.51	ng	#	63
65) n-Nitrosodiphenylamine	10.36	169	431486	41.34	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	142864	42.34	ng	#	91
67) Hexachlorobenzene	10.80	284	149476	42.63	ng	#	72
68) Atrazine	10.90	200	156483	49.51	ng		95
69) Pentachlorophenol	10.99	266	91158	49.32	ng		97
70) Phenanthrene	11.21	178	736541	44.62	ng		98
71) Anthracene	11.26	178	718943	43.18	ng		100
72) Carbazole	11.42	167	672403	43.16	ng		100
73) Di-n-butylphthalate	11.75	149	823711	41.76	ng		100
74) Fluoranthene	12.39	202	763000	43.80	ng		98
76) Benzidine	12.51	184	290356	45.92	ng		98
77) Pyrene	12.62	202	783414	46.23	ng		99
79) Butylbenzylphthalate	13.23	149	350852	46.83	ng	#	83
80) Benzo(a)anthracene	13.79	228	562642	43.23	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	109948	31.42	ng	#	95
82) Chrysene	13.84	228	639781	52.25	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	427984	46.92	ng		99
84) Di-n-octyl phthalate	14.40	149	848469	57.25	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	476649	41.90	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	705386m	50.99	ng		
88) Benzo(k)fluoranthene	14.83	252	357805m	34.29	ng		
89) Benzo(a)pyrene	15.13	252	497825	44.48	ng	#	94
90) Dibenzo(a,h)anthracene	16.47	278	400245	38.50	ng		97
91) Benzo(g,h,i)perylene	16.85	276	421683	39.43	ng		98

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

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