Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088180.D
Acq On : 20 Jun 2016 19:25
Operator : UM/SJ
Sample : PB91406BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91406BS

Manual Integrations APPROVED
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6/21/2016 4:22:11 PM

Quant Time: Jun 21 01:15:51 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	6.66	152	89315	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	360397	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	170602	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	319029	20.00	ng		0.00
75) Chrysene-d12	13.81	240	217345	20.00	ng		0.00
86) Perylene-d12	15.18	264	186287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	591987	113.31	ng		0.01
7) Phenol-d6	6.33	99	726268	114.70	ng		0.00
23) Nitrobenzene-d5	7.24	82	495653	80.31	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	177368	98.46	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	972227	89.84	ng		0.00
78) Terphenyl-d14	12.77	244	853010	89.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	87901	34.63	ng	#	40
3) Pyridine	2.88	79	228293	38.09	ng		92
4) n-Nitrosodimethylamine	2.84	42	97131	38.26	ng	#	76
6) Aniline	6.33	93	152863	16.96	ng	#	32
8) 2-Chlorophenol	6.46	128	267267	43.22	ng		92
10) Phenol	6.34	94	324681	49.94	ng		89
11) bis(2-Chloroethyl)ether	6.41	93	229491	41.34	ng		91
12) 1,3-Dichlorobenzene	6.60	146	266869	40.22	ng		98
13) 1,4-Dichlorobenzene	6.68	146	283542	42.42	ng		99
14) 1,2-Dichlorobenzene	6.83	146	243862m	40.12	ng		
15) Benzyl Alcohol	6.82	79	162912	32.89	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	267479	35.66	ng		70
17) 2-Methylphenol	6.95	107	213832	42.64	ng		96
18) Hexachloroethane	7.18	117	100329	42.30	ng		92
19) n-Nitroso-di-n-propylamine	7.10	70	169677	41.89	ng	#	86
20) 3+4-Methylphenols	7.11	107	276002	47.17	ng	#	75
22) Acetophenone	7.08	105	341561	42.41	ng	#	99
24) Nitrobenzene	7.26	77	242726	40.60	ng		91
25) Isophorone	7.50	82	468722	41.00	ng		99
26) 2-Nitrophenol	7.58	139	145315	45.38	ng	#	86
27) 2,4-Dimethylphenol	7.63	122	238997	40.53	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	296432	41.81	ng	#	97
29) 2,4-Dichlorophenol	7.83	162	228773	46.47	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	219613	40.97	ng		99
31) Naphthalene	7.98	128	767203	43.02	ng		99
32) Benzoic acid	7.77	122	79877	24.60	ng		92
33) 4-Chloroaniline	8.03	127	104632	13.14	ng		96
34) Hexachlorobutadiene	8.09	225	114720	40.58	ng		99
35) Caprolactam	8.41	113	68828m	42.21	ng		
36) 4-Chloro-3-methylphenol	8.54	107	226232	42.97	ng		100
37) 2-Methylnaphthalene	8.66	142	503665	42.85	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	207045	47.54	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	117354	42.65	ng		99
42) 2,4,6-Trichlorophenol	8.96	196	134396	39.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	144707	40.77	ng	#	94
45) 1,1'-Biphenyl	9.13	154	580238	45.36	ng		98
46) 2-Chloronaphthalene	9.15	162	457565	41.45	ng		99
47) 2-Nitroaniline	9.26	65	123888	38.04	ng		91
48) Acenaphthylene	9.56	152	688353	39.20	ng		99
49) Dimethylphthalate	9.44	163	528335	42.75	ng		100
50) 2,6-Dinitrotoluene	9.51	165	131068	46.31	ng	#	88
51) Acenaphthene	9.74	154	427095	38.99	ng		100
52) 3-Nitroaniline	9.67	138	67563	20.69	ng		96
53) 2,4-Dinitrophenol	9.78	184	64358	46.97	ng		93
54) Dibenzofuran	9.91	168	588286	38.99	ng	#	89
55) 4-Nitrophenol	9.86	139	141993	56.02	ng	#	77
56) 2,4-Dinitrotoluene	9.91	165	146999	40.42	ng	#	55
57) Fluorene	10.25	166	483405	47.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	112328	40.27	ng	#	56
59) Diethylphthalate	10.14	149	547857	43.80	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	201487	40.16	ng		89
61) 4-Nitroaniline	10.28	138	122511	39.55	ng		99
62) Azobenzene	10.40	77	523603	42.33	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	63537	32.63	ng	#	64
65) n-Nitrosodiphenylamine	10.36	169	430685	40.68	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	146377	42.77	ng	#	91
67) Hexachlorobenzene	10.80	284	151692	42.66	ng	#	73
68) Atrazine	10.90	200	152727	47.64	ng		96
69) Pentachlorophenol	10.99	266	93176	49.71	ng		97
70) Phenanthrene	11.21	178	731560	43.70	ng		98
71) Anthracene	11.26	178	702128	41.58	ng		99
72) Carbazole	11.42	167	674499	42.68	ng		100
73) Di-n-butylphthalate	11.75	149	802458	40.12	ng		100
74) Fluoranthene	12.39	202	732099	41.44	ng		99
76) Benzidine	12.51	184	243390	40.44	ng		98
77) Pyrene	12.62	202	770052	47.75	ng		100
79) Butylbenzylphthalate	13.23	149	348252	48.84	ng	#	85
80) Benzo(a)anthracene	13.79	228	539895	43.59	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	103116	30.96	ng	#	96
82) Chrysene	13.84	228	620135	53.22	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	415491	47.87	ng		99
84) Di-n-octyl phthalate	14.40	149	813287	57.66	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	468138	43.24	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	687378m	52.94	ng		
88) Benzo(k)fluoranthene	14.83	252	326345m	33.32	ng		
89) Benzo(a)pyrene	15.13	252	476024	45.31	ng	#	94
90) Dibenzo(a,h)anthracene	16.47	278	390452	40.02	ng		96
91) Benzo(g,h,i)perylene	16.85	276	415753	41.42	ng		98

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

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