Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088777.D
Acq On : 7 Jul 2016 13:44
Operator : UM/SJ
Sample : PB91866BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91866BS

Manual Integrations APPROVED
SOHIL
7/8/2016 7:03:32 AM

Quant Time: Jul 08 04:50:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 01:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101687	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	405502	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	202747	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	367618	20.00	ng		0.00
75) Chrysene-d12	13.89	240	262315	20.00	ng		0.00
86) Perylene-d12	15.27	264	248371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	694239	102.32	ng		0.02
7) Phenol-d6	6.39	99	925699	105.59	ng		0.00
23) Nitrobenzene-d5	7.31	82	666618	86.15	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	237690	126.25	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1010317	78.71	ng		0.00
78) Terphenyl-d14	12.85	244	1001259	85.02	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.03	79	269933	27.65	ng		93
4) n-Nitrosodimethylamine	2.99	42	121523	32.59	ng		89
6) Aniline	6.41	93	332565	26.03	ng		94
8) 2-Chlorophenol	6.52	128	268024	36.75	ng		94
9) Benzaldehyde	6.28	77	219085	36.89	ng		89
10) Phenol	6.40	94	306621	30.64	ng	#	55
11) bis(2-Chloroethyl)ether	6.49	93	290875	38.98	ng	#	81
12) 1,3-Dichlorobenzene	6.68	146	308451	38.44	ng		96
13) 1,4-Dichlorobenzene	6.76	146	289640	36.36	ng		97
14) 1,2-Dichlorobenzene	6.91	146	286660m	38.45	ng		
15) Benzyl Alcohol	6.89	79	251266	38.94	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	323857	29.97	ng		89
17) 2-Methylphenol	7.00	107	242696	40.80	ng		96
18) Hexachloroethane	7.26	117	119067	38.65	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	215518	36.60	ng		93
20) 3+4-Methylphenols	7.16	107	294057	41.19	ng		96
22) Acetophenone	7.15	105	414001	42.06	ng	#	89
24) Nitrobenzene	7.32	77	294277	37.72	ng	#	82
25) Isophorone	7.58	82	599917	41.85	ng		98
26) 2-Nitrophenol	7.64	139	151525	47.36	ng		96
27) 2,4-Dimethylphenol	7.69	122	262648	39.42	ng		88
28) bis(2-Chloroethoxy)methane	7.78	93	349163	37.43	ng	#	96
29) 2,4-Dichlorophenol	7.88	162	226415	42.04	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	249334	42.19	ng		97
31) Naphthalene	8.04	128	803366	40.19	ng		100
32) Benzoic acid	7.84	122	180457	37.30	ng		93
33) 4-Chloroaniline	8.10	127	187588	21.09	ng		95
34) Hexachlorobutadiene	8.17	225	137408	43.42	ng		98
35) Caprolactam	8.48	113	83006m	45.38	ng		
36) 4-Chloro-3-methylphenol	8.59	107	292307	45.90	ng		92
37) 2-Methylnaphthalene	8.74	142	569308	44.23	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	246082	36.49	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	255057	77.06	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	179869	40.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	168018	43.92	ng	#	88
45) 1,1'-Biphenyl	9.21	154	702712	41.86	ng		97
46) 2-Chloronaphthalene	9.23	162	539199	40.91	ng		96
47) 2-Nitroaniline	9.32	65	164382	35.14	ng		97
48) Acenaphthylene	9.64	152	863744	41.19	ng		99
49) Dimethylphthalate	9.52	163	661014	45.76	ng		99
50) 2,6-Dinitrotoluene	9.58	165	157461	49.19	ng	#	82
51) Acenaphthene	9.82	154	628940m	48.93	ng		
52) 3-Nitroaniline	9.74	138	97624	23.99	ng		94
53) 2,4-Dinitrophenol	9.85	184	169530	119.94	ng		90
54) Dibenzofuran	9.99	168	725000	43.09	ng	#	87
55) 4-Nitrophenol	9.91	139	228596	73.92	ng		91
56) 2,4-Dinitrotoluene	9.98	165	172141	41.13	ng	#	45
57) Fluorene	10.33	166	601719	46.41	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	130853	44.21	ng	#	48
59) Diethylphthalate	10.22	149	644625	44.47	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	229150	38.04	ng	#	84
61) 4-Nitroaniline	10.35	138	134234	34.28	ng		81
62) Azobenzene	10.48	77	688552	41.64	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	108358	55.11	ng	#	59
65) n-Nitrosodiphenylamine	10.44	169	502971	40.43	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	167518	45.22	ng	#	88
67) Hexachlorobenzene	10.88	284	179453	43.76	ng	#	70
68) Atrazine	10.97	200	163383	42.14	ng		90
69) Pentachlorophenol	11.07	266	211258	87.05	ng		98
70) Phenanthrene	11.28	178	840607	41.83	ng		100
71) Anthracene	11.34	178	855742	42.83	ng		100
72) Carbazole	11.49	167	774492	41.18	ng		99
73) Di-n-butylphthalate	11.83	149	912280	41.70	ng	#	99
74) Fluoranthene	12.47	202	933627	45.83	ng		96
76) Benzidine	12.59	184	550950	41.55	ng		97
77) Pyrene	12.70	202	929904	41.81	ng		99
79) Butylbenzylphthalate	13.33	149	446616	45.02	ng		99
80) Benzo(a)anthracene	13.87	228	719981	42.63	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	138611	21.83	ng	#	96
82) Chrysene	13.92	228	701133	41.96	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	558638	49.32	ng	#	99
84) Di-n-octyl phthalate	14.49	149	939345	48.82	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	611093	47.53	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	827528m	53.11	ng		
88) Benzo(k)fluoranthene	14.91	252	471187m	34.74	ng		
89) Benzo(a)pyrene	15.21	252	602461	45.67	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	507021	46.03	ng	#	95
91) Benzo(g,h,i)perylene	16.98	276	491090	43.08	ng		95

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

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