Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088644.D
Acq On : 3 Jul 2016 12:39
Operator : UM/SJ
Sample : PB91807BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91807BS

Manual Integrations APPROVED
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7/5/2016 7:52:11 PM

Quant Time: Jul 04 05:40:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101031	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	416916	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	191674	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	397582	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	297839	20.00	ng		-0.03
86) Perylene-d12	15.31	264	296238	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	854637	126.78	ng		-0.01
7) Phenol-d6	6.42	99	958328	110.02	ng		-0.02
23) Nitrobenzene-d5	7.35	82	653733	82.17	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	244270	137.24	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1217659	100.35	ng		-0.02
78) Terphenyl-d14	12.88	244	1048414	78.40	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	108150	32.36	ng	#	29
3) Pyridine	3.10	79	160131	16.51	ng		94
4) n-Nitrosodimethylamine	3.04	42	66611	17.98	ng		85
6) Aniline	6.44	93	97233	7.66	ng		100
8) 2-Chlorophenol	6.57	128	156463	21.60	ng		90
9) Benzaldehyde	6.32	77	104062	17.64	ng	#	79
10) Phenol	6.43	94	235404	23.68	ng		86
11) bis(2-Chloroethyl)ether	6.52	93	162780	21.96	ng		85
12) 1,3-Dichlorobenzene	6.72	146	155204m	19.47	ng		
13) 1,4-Dichlorobenzene	6.80	146	162968	20.59	ng		96
14) 1,2-Dichlorobenzene	6.96	146	148845	20.09	ng		97
15) Benzyl Alcohol	6.92	79	122525	19.11	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	209875	19.55	ng		88
17) 2-Methylphenol	7.04	107	132730	22.46	ng		97
18) Hexachloroethane	7.30	117	64334	21.02	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	118379	20.23	ng		91
20) 3+4-Methylphenols	7.20	107	174063	24.54	ng		90
22) Acetophenone	7.19	105	219002	21.64	ng	#	86
24) Nitrobenzene	7.37	77	170099	21.21	ng		99
25) Isophorone	7.61	82	320830	21.77	ng		98
26) 2-Nitrophenol	7.68	139	72205	21.95	ng		94
27) 2,4-Dimethylphenol	7.72	122	146820	21.43	ng		90
28) bis(2-Chloroethoxy)methane	7.83	93	203546	21.22	ng		97
29) 2,4-Dichlorophenol	7.93	162	127154	22.97	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	129432	21.30	ng		99
31) Naphthalene	8.09	128	475305	23.12	ng		99
32) Benzoic acid	7.83	122	83416	16.77	ng		94
33) 4-Chloroaniline	8.14	127	59025	6.45	ng		97
34) Hexachlorobutadiene	8.22	225	73786	22.68	ng		99
35) Caprolactam	8.48	113	43555m	23.16	ng		
36) 4-Chloro-3-methylphenol	8.63	107	147237	22.49	ng		95
37) 2-Methylnaphthalene	8.78	142	293992	22.21	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	121648	19.08	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	206377	65.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	88071	20.95	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	102890	28.45	ng	#	89
45) 1,1'-Biphenyl	9.24	154	379732	23.92	ng		99
46) 2-Chloronaphthalene	9.27	162	291758	23.42	ng		99
47) 2-Nitroaniline	9.36	65	97472	22.04	ng		98
48) Acenaphthylene	9.68	152	464286	23.42	ng		99
49) Dimethylphthalate	9.54	163	320402	23.46	ng		99
50) 2,6-Dinitrotoluene	9.60	165	70943	23.44	ng	#	34
51) Acenaphthene	9.85	154	320867	26.40	ng		99
52) 3-Nitroaniline	9.77	138	41584	10.81	ng		86
53) 2,4-Dinitrophenol	9.87	184	91391	68.39	ng	#	86
54) Dibenzofuran	10.02	168	394577	24.81	ng	#	89
55) 4-Nitrophenol	9.93	139	203150	69.48	ng		92
56) 2,4-Dinitrotoluene	10.01	165	99277	25.09	ng		94
57) Fluorene	10.36	166	313952	25.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	75774	27.08	ng	#	55
59) Diethylphthalate	10.25	149	361021	26.34	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	142085	24.95	ng		89
61) 4-Nitroaniline	10.38	138	71386	19.28	ng		86
62) Azobenzene	10.52	77	398092	25.47	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	48277	22.70	ng		82
65) n-Nitrosodiphenylamine	10.48	169	295543	21.96	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	83379	20.81	ng	#	76
67) Hexachlorobenzene	10.91	284	96197	21.69	ng	#	87
68) Atrazine	11.00	200	87882	20.96	ng		93
69) Pentachlorophenol	11.11	266	165028	62.87	ng		97
70) Phenanthrene	11.32	178	498531	22.94	ng		98
71) Anthracene	11.37	178	474700	21.97	ng		99
72) Carbazole	11.53	167	445914	21.92	ng		97
73) Di-n-butylphthalate	11.87	149	545169	23.04	ng	#	97
74) Fluoranthene	12.50	202	481321	21.85	ng		99
76) Benzidine	12.63	184	218360	14.50	ng		98
77) Pyrene	12.73	202	511865	20.27	ng		99
79) Butylbenzylphthalate	13.36	149	238873	21.21	ng		89
80) Benzo(a)anthracene	13.91	228	407504	21.25	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	55891	7.75	ng	#	94
82) Chrysene	13.95	228	410794	21.65	ng		97
83) Bis(2-ethylhexyl)phthalate	13.92	149	293530	22.82	ng		98
84) Di-n-octyl phthalate	14.53	149	515060	23.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	334585	22.92	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	404193m	21.75	ng		
88) Benzo(k)fluoranthene	14.95	252	336855m	20.82	ng		
89) Benzo(a)pyrene	15.26	252	353537	22.47	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	277171	21.10	ng		97
91) Benzo(g,h,i)perylene	17.05	276	269879	19.85	ng		94

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

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