Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087447.D
Acq On : 27 May 2016 17:21
Operator : UM/SJ
Sample : PB90866BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Manual Integrations APPROVED
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5/31/2016 7:01:39 PM

Quant Time: May 28 00:12:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	114568	20.00	ng		-0.03
21) Naphthalene-d8	9.52	136	485678	20.00	ng		-0.03
38) Acenaphthene-d10	12.34	164	239110	20.00	ng		-0.05
63) Phenanthrene-d10	14.74	188	460216	20.00	ng		-0.03
75) Chrysene-d12	18.45	240	363931	20.00	ng		-0.03
86) Perylene-d12	20.13	264	250569	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	829915	127.29	ng		-0.01
7) Phenol-d6	7.04	99	1040270	118.08	ng		-0.03
23) Nitrobenzene-d5	8.40	82	716088	74.31	ng		-0.05
41) 2,4,6-Tribromophenol	13.65	330	260418	113.33	ng		-0.03
44) 2-Fluorobiphenyl	11.30	172	1260029	74.29	ng		-0.03
78) Terphenyl-d14	17.10	244	1222654	71.42	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	90607	26.34	ng	#	49
3) Pyridine	2.47	79	241736	32.14	ng	#	63
4) n-Nitrosodimethylamine	2.43	42	210787	36.37	ng	#	46
6) Aniline	6.99	93	249317	21.88	ng		92
8) 2-Chlorophenol	7.16	128	315259	38.77	ng		90
9) Benzaldehyde	6.86	77	25281	5.20	ng		97
10) Phenol	7.06	94	389483	40.49	ng		83
11) bis(2-Chloroethyl)ether	7.13	93	297763	38.24	ng		87
12) 1,3-Dichlorobenzene	7.38	146	317915	35.85	ng	#	94
13) 1,4-Dichlorobenzene	7.51	146	330982m	36.35	ng		
14) 1,2-Dichlorobenzene	7.75	146	314112	37.30	ng		99
15) Benzyl Alcohol	7.79	79	281510	43.83	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.99	45	597992	34.13	ng		88
17) 2-Methylphenol	8.00	107	255512	39.21	ng	#	84
18) Hexachloroethane	8.26	117	127019	37.40	ng	#	90
19) n-Nitroso-di-n-propylamine	8.20	70	252377	38.41	ng	#	70
20) 3+4-Methylphenols	8.26	107	340272	43.20	ng	#	59
22) Acetophenone	8.17	105	441057	38.01	ng	#	95
24) Nitrobenzene	8.43	77	369548	36.33	ng		99
25) Isophorone	8.83	82	636835	36.85	ng		97
26) 2-Nitrophenol	8.95	139	163049	39.21	ng	#	83
27) 2,4-Dimethylphenol	9.08	122	285173	39.51	ng		88
28) bis(2-Chloroethoxy)methane	9.21	93	386768	39.73	ng		98
29) 2,4-Dichlorophenol	9.36	162	260803	40.09	ng		95
30) 1,2,4-Trichlorobenzene	9.44	180	268895	36.11	ng		96
31) Naphthalene	9.55	128	907573	37.29	ng		99
32) Benzoic acid	9.40	122	115585	33.15	ng	#	71
33) 4-Chloroaniline	9.72	127	106526	11.88	ng		95
34) Hexachlorobutadiene	9.76	225	159743	35.29	ng		96
35) Caprolactam	10.32	113	79514m	41.88	ng		
36) 4-Chloro-3-methylphenol	10.57	107	300169	40.81	ng		91
37) 2-Methylnaphthalene	10.67	142	597415	39.29	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	259852	33.95	ng		98
40) Hexachlorocyclopentadiene	10.92	237	175814	58.68	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	166141	37.61	ng		95
43) 2,4,5-Trichlorophenol	11.27	196	157351	34.97	ng	#	90
45) 1,1'-Biphenyl	11.45	154	747673	37.14	ng		98
46) 2-Chloronaphthalene	11.46	162	552782	35.89	ng		95
47) 2-Nitroaniline	11.68	65	219272	39.51	ng	#	71
48) Acenaphthylene	12.11	152	893708	36.65	ng		99
49) Dimethylphthalate	12.00	163	706414	36.88	ng		99
50) 2,6-Dinitrotoluene	12.09	165	148628	38.51	ng	#	64
51) Acenaphthene	12.40	154	544249	36.31	ng		98
52) 3-Nitroaniline	12.38	138	72099	18.20	ng		96
53) 2,4-Dinitrophenol	12.57	184	110229	57.78	ng	#	85
54) Dibenzofuran	12.69	168	814000	40.12	ng		95
55) 4-Nitrophenol	12.75	139	138635	73.37	ng	#	40
56) 2,4-Dinitrotoluene	12.77	165	205532	39.84	ng		87
57) Fluorene	13.25	166	665949	37.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.93	232	141877	40.99	ng		99
59) Diethylphthalate	13.15	149	700268	37.60	ng		98
60) 4-Chlorophenyl-phenylether	13.27	204	308083	35.90	ng		93
61) 4-Nitroaniline	13.37	138	133629	36.14	ng	#	67
62) Azobenzene	13.53	77	818606	42.37	ng		86
64) 4,6-Dinitro-2-methylphenol	13.43	198	92479	31.60	ng	#	74
65) n-Nitrosodiphenylamine	13.49	169	561391	37.72	ng		100
66) 4-Bromophenyl-phenylether	14.06	248	181617	36.07	ng	#	88
67) Hexachlorobenzene	14.13	284	191758	36.42	ng	#	83
68) Atrazine	14.40	200	153732	32.40	ng		93
69) Pentachlorophenol	14.49	266	106896	66.45	ng		97
70) Phenanthrene	14.79	178	971472	38.11	ng		100
71) Anthracene	14.87	178	959741	37.27	ng		99
72) Carbazole	15.17	167	880157	40.07	ng		99
73) Di-n-butylphthalate	15.74	149	1049654	36.95	ng	#	98
74) Fluoranthene	16.55	202	974351	38.12	ng		95
76) Benzidine	16.80	184	83685	8.94	ng		97
77) Pyrene	16.86	202	1005867	38.40	ng		100
79) Butylbenzylphthalate	17.77	149	444856	38.29	ng		92
80) Benzo(a)anthracene	18.43	228	776315	37.50	ng		99
81) 3,3'-Dichlorobenzidine	18.42	252	123220	10.77	ng		98
82) Chrysene	18.48	228	777831	37.86	ng		99
83) Bis(2-ethylhexyl)phthalate	18.51	149	618541	36.49	ng		99
84) Di-n-octyl phthalate	19.28	149	923308	35.72	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.34	276	554681	33.68	ng		94
87) Benzo(b)fluoranthene	19.71	252	606764	38.02	ng	#	93
88) Benzo(k)fluoranthene	19.74	252	596828m	43.44	ng		
89) Benzo(a)pyrene	20.06	252	563839	40.84	ng	#	96
90) Dibenzo(a,h)anthracene	21.34	278	475343	40.37	ng	#	94
91) Benzo(g,h,i)perylene	21.68	276	457017	39.34	ng		96

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

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