Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087484.D
Acq On : 28 May 2016 17:41
Operator : UM/SJ
Sample : PB90944BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90944BSD

Manual Integrations APPROVED
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5/31/2016 7:03:59 PM

Quant Time: May 30 03:33:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:25:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	111673	20.00	ng		-0.01
21) Naphthalene-d8	9.50	136	466803	20.00	ng		-0.01
38) Acenaphthene-d10	12.32	164	219683	20.00	ng		-0.01
63) Phenanthrene-d10	14.73	188	418057	20.00	ng		0.00
75) Chrysene-d12	18.43	240	321573	20.00	ng		0.00
86) Perylene-d12	20.10	264	213582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	788473	124.06	ng		0.02
7) Phenol-d6	7.03	99	1015732	118.28	ng		-0.01
23) Nitrobenzene-d5	8.39	82	680644	73.49	ng		-0.01
41) 2,4,6-Tribromophenol	13.62	330	234717	111.18	ng		-0.01
44) 2-Fluorobiphenyl	11.28	172	1152871	73.98	ng		-0.01
78) Terphenyl-d14	17.09	244	1081668	71.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	99574	29.69	ng	#	67
3) Pyridine	2.43	79	230252	31.41	ng	#	63
4) n-Nitrosodimethylamine	2.40	42	196625	34.81	ng	#	46
6) Aniline	6.97	93	267203	24.05	ng		92
8) 2-Chlorophenol	7.14	128	296146	37.37	ng		86
9) Benzaldehyde	6.82	77	35616	7.51	ng		91
10) Phenol	7.04	94	373410	39.82	ng		81
11) bis(2-Chloroethyl)ether	7.11	93	276845	36.48	ng		85
12) 1,3-Dichlorobenzene	7.36	146	305558	35.35	ng	#	91
13) 1,4-Dichlorobenzene	7.50	146	313390	35.31	ng		96
14) 1,2-Dichlorobenzene	7.72	146	300079	36.56	ng		99
15) Benzyl Alcohol	7.77	79	254139	40.59	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.96	45	569593	33.35	ng		87
17) 2-Methylphenol	7.99	107	246617	38.83	ng	#	90
18) Hexachloroethane	8.24	117	120019	36.25	ng		93
19) n-Nitroso-di-n-propylamine	8.18	70	238754	37.28	ng	#	67
20) 3+4-Methylphenols	8.25	107	317537	41.35	ng	#	60
22) Acetophenone	8.16	105	422764	37.91	ng	#	96
24) Nitrobenzene	8.41	77	348313	35.63	ng		97
25) Isophorone	8.81	82	598742	36.04	ng		98
26) 2-Nitrophenol	8.92	139	153587	38.43	ng	#	82
27) 2,4-Dimethylphenol	9.06	122	263017	37.91	ng	#	85
28) bis(2-Chloroethoxy)methane	9.19	93	359939	38.47	ng		98
29) 2,4-Dichlorophenol	9.34	162	247615	39.60	ng		96
30) 1,2,4-Trichlorobenzene	9.43	180	256607	35.85	ng		98
31) Naphthalene	9.53	128	848347	36.27	ng		100
32) Benzoic acid	9.38	122	101257	30.73	ng	#	75
33) 4-Chloroaniline	9.69	127	156917	18.21	ng		95
34) Hexachlorobutadiene	9.75	225	151954	34.93	ng		97
35) Caprolactam	10.30	113	71867m	39.38	ng		
36) 4-Chloro-3-methylphenol	10.55	107	280441	39.67	ng		88
37) 2-Methylnaphthalene	10.66	142	557129	38.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	245476	34.91	ng		98
40) Hexachlorocyclopentadiene	10.90	237	146947	54.23	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	145895	35.94	ng		94
43) 2,4,5-Trichlorophenol	11.24	196	147594	35.71	ng	#	85
45) 1,1'-Biphenyl	11.43	154	696070	37.63	ng		97
46) 2-Chloronaphthalene	11.44	162	508429	35.93	ng		93
47) 2-Nitroaniline	11.67	65	210565	41.30	ng		86
48) Acenaphthylene	12.10	152	839572	37.48	ng		99
49) Dimethylphthalate	11.99	163	642746	36.52	ng		99
50) 2,6-Dinitrotoluene	12.08	165	137309	38.72	ng	#	89
51) Acenaphthene	12.38	154	499478	36.27	ng		98
52) 3-Nitroaniline	12.35	138	82627	22.70	ng		88
53) 2,4-Dinitrophenol	12.56	184	87362	50.75	ng	#	80
54) Dibenzofuran	12.66	168	760319	40.78	ng		93
55) 4-Nitrophenol	12.74	139	128327	73.92	ng	#	41
56) 2,4-Dinitrotoluene	12.74	165	183633	38.75	ng	#	90
57) Fluorene	13.22	166	606649	37.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.91	232	133448	41.97	ng		99
59) Diethylphthalate	13.13	149	620887	36.29	ng		99
60) 4-Chlorophenyl-phenylether	13.25	204	279054	35.40	ng		97
61) 4-Nitroaniline	13.35	138	122301	36.01	ng	#	64
62) Azobenzene	13.51	77	755144	42.54	ng		87
64) 4,6-Dinitro-2-methylphenol	13.41	198	79096	29.76	ng	#	47
65) n-Nitrosodiphenylamine	13.46	169	505610	37.40	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	165112	36.10	ng		92
67) Hexachlorobenzene	14.10	284	173572	36.29	ng	#	75
68) Atrazine	14.39	200	169570	39.35	ng		93
69) Pentachlorophenol	14.47	266	86667	59.97	ng		93
70) Phenanthrene	14.77	178	872670	37.69	ng		100
71) Anthracene	14.85	178	886156	37.88	ng		100
72) Carbazole	15.14	167	783393	39.26	ng		98
73) Di-n-butylphthalate	15.73	149	957785	37.12	ng		98
74) Fluoranthene	16.54	202	891427	38.39	ng		92
76) Benzidine	16.77	184	308755	37.32	ng		95
77) Pyrene	16.83	202	889614	38.43	ng		99
79) Butylbenzylphthalate	17.75	149	383510	37.36	ng	#	74
80) Benzo(a)anthracene	18.42	228	714882	39.08	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	113016	11.18	ng	#	98
82) Chrysene	18.47	228	680438	37.48	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	514243	34.33	ng	#	96
84) Di-n-octyl phthalate	19.27	149	791533	34.65	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	491846	33.80	ng		94
87) Benzo(b)fluoranthene	19.69	252	596758	43.86	ng		97
88) Benzo(k)fluoranthene	19.73	252	422685m	36.10	ng		
89) Benzo(a)pyrene	20.05	252	465798	39.59	ng		98
90) Dibenzo(a,h)anthracene	21.31	278	414115	41.26	ng		97
91) Benzo(g,h,i)perylene	21.67	276	428232	43.25	ng	#	90

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

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