Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087424.D
Acq On : 27 May 2016 00:09
Operator : UM/SJ
Sample : PB90910BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90910BS

Manual Integrations APPROVED
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5/27/2016 7:37:57 PM

Quant Time: May 27 02:31:43 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	7.51	152	99702	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	404002	20.00	ng		-0.02
38) Acenaphthene-d10	12.37	164	194783	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	371712	20.00	ng		-0.01
75) Chrysene-d12	18.46	240	292216	20.00	ng		-0.02
86) Perylene-d12	20.13	264	212156	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	754671	133.00	ng		0.01
7) Phenol-d6	7.06	99	933881	121.81	ng		-0.01
23) Nitrobenzene-d5	8.42	82	643962	80.33	ng		-0.02
41) 2,4,6-Tribromophenol	13.67	330	232519	124.22	ng		-0.01
44) 2-Fluorobiphenyl	11.31	172	1093757	79.16	ng		-0.02
78) Terphenyl-d14	17.12	244	1081268	78.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	92014	30.73	ng	#	56
3) Pyridine	2.49	79	215501	32.93	ng	#	64
4) n-Nitrosodimethylamine	2.46	42	195378	38.74	ng	#	46
6) Aniline	7.02	93	242151	24.41	ng		92
8) 2-Chlorophenol	7.19	128	290809	41.10	ng		91
9) Benzaldehyde	6.86	77	31484	7.44	ng		95
10) Phenol	7.08	94	355525	42.47	ng		84
11) bis(2-Chloroethyl)ether	7.15	93	274342	40.49	ng		90
12) 1,3-Dichlorobenzene	7.40	146	300879	38.98	ng	#	95
13) 1,4-Dichlorobenzene	7.53	146	303859	38.35	ng	#	94
14) 1,2-Dichlorobenzene	7.76	146	287186	39.18	ng		96
15) Benzyl Alcohol	7.80	79	242249	43.34	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.01	45	543660	35.66	ng		96
17) 2-Methylphenol	8.02	107	232847	41.06	ng	#	87
18) Hexachloroethane	8.28	117	116779	39.51	ng	#	89
19) n-Nitroso-di-n-propylamine	8.23	70	232223	40.61	ng	#	73
20) 3+4-Methylphenols	8.28	107	299226	43.65	ng	#	59
22) Acetophenone	8.19	105	414329	42.93	ng	#	96
24) Nitrobenzene	8.44	77	333644	39.43	ng		94
25) Isophorone	8.84	82	570311	39.67	ng		99
26) 2-Nitrophenol	8.96	139	146365	42.32	ng	#	76
27) 2,4-Dimethylphenol	9.11	122	257334	42.86	ng		87
28) bis(2-Chloroethoxy)methane	9.23	93	341654	42.19	ng		99
29) 2,4-Dichlorophenol	9.38	162	229703	42.45	ng		99
30) 1,2,4-Trichlorobenzene	9.46	180	245899	39.70	ng		95
31) Naphthalene	9.56	128	816993	40.36	ng		99
32) Benzoic acid	9.42	122	121021	40.22	ng	#	77
33) 4-Chloroaniline	9.74	127	84844	11.38	ng	#	92
34) Hexachlorobutadiene	9.78	225	144329	38.33	ng		98
35) Caprolactam	10.33	113	72445m	45.87	ng		
36) 4-Chloro-3-methylphenol	10.59	107	271636	44.40	ng		95
37) 2-Methylnaphthalene	10.70	142	526802	41.65	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	229102	36.74	ng		97
40) Hexachlorocyclopentadiene	10.95	237	169971	67.87	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	140743	39.11	ng		97
43) 2,4,5-Trichlorophenol	11.29	196	144300	39.37	ng	#	89
45) 1,1'-Biphenyl	11.46	154	662609	40.40	ng		97
46) 2-Chloronaphthalene	11.49	162	490011	39.05	ng		97
47) 2-Nitroaniline	11.70	65	202333	44.76	ng	#	80
48) Acenaphthylene	12.14	152	792122	39.88	ng		99
49) Dimethylphthalate	12.02	163	616888	39.54	ng		99
50) 2,6-Dinitrotoluene	12.11	165	130957	41.65	ng	#	81
51) Acenaphthene	12.42	154	487247	39.91	ng		98
52) 3-Nitroaniline	12.39	138	62507	19.37	ng	#	91
53) 2,4-Dinitrophenol	12.58	184	117288	73.47	ng	#	80
54) Dibenzofuran	12.71	168	723770	43.79	ng		95
55) 4-Nitrophenol	12.78	139	114346	74.29	ng	#	38
56) 2,4-Dinitrotoluene	12.78	165	182978	43.54	ng	#	90
57) Fluorene	13.26	166	581422	40.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	125013	44.34	ng		100
59) Diethylphthalate	13.17	149	605780	39.93	ng		100
60) 4-Chlorophenyl-phenylether	13.29	204	272838	39.03	ng		90
61) 4-Nitroaniline	13.38	138	119161	39.57	ng	#	59
62) Azobenzene	13.54	77	722541	45.91	ng		86
64) 4,6-Dinitro-2-methylphenol	13.44	198	92929	39.32	ng	#	61
65) n-Nitrosodiphenylamine	13.51	169	501005	41.68	ng		99
66) 4-Bromophenyl-phenylether	14.07	248	157210	38.66	ng		95
67) Hexachlorobenzene	14.14	284	169937	39.96	ng	#	63
68) Atrazine	14.42	200	149629	39.05	ng		93
69) Pentachlorophenol	14.50	266	85311	65.74	ng		97
70) Phenanthrene	14.80	178	859909	41.76	ng		99
71) Anthracene	14.89	178	879437	42.28	ng		100
72) Carbazole	15.18	167	768685	43.33	ng		98
73) Di-n-butylphthalate	15.76	149	941832	41.05	ng	#	99
74) Fluoranthene	16.56	202	881553	42.70	ng		97
76) Benzidine	16.80	184	133837	17.80	ng		97
77) Pyrene	16.87	202	887332	42.19	ng		100
79) Butylbenzylphthalate	17.78	149	376342	40.35	ng	#	75
80) Benzo(a)anthracene	18.45	228	716787	43.12	ng		100
81) 3,3'-Dichlorobenzidine	18.43	252	122165	13.30	ng		99
82) Chrysene	18.49	228	687156	41.65	ng		98
83) Bis(2-ethylhexyl)phthalate	18.53	149	485164	35.64	ng	#	95
84) Di-n-octyl phthalate	19.30	149	735401	35.43	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.35	276	502805	38.02	ng		94
87) Benzo(b)fluoranthene	19.73	252	572433	42.36	ng	#	93
88) Benzo(k)fluoranthene	19.75	252	525234m	45.15	ng		
89) Benzo(a)pyrene	20.07	252	497487	42.56	ng	#	96
90) Dibenzo(a,h)anthracene	21.36	278	418921	42.02	ng	#	93
91) Benzo(g,h,i)perylene	21.70	276	420760	42.78	ng	#	89

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

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