Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087388.D
Acq On : 26 May 2016 00:46
Operator : UM/SJ
Sample : PB90852BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Manual Integrations APPROVED
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5/26/2016 6:37:19 PM

Quant Time: May 26 04:29:12 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	7.52	152	109761	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	439800	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	182016	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	295520	20.00	ng		0.00
75) Chrysene-d12	18.47	240	237757	20.00	ng		-0.01
86) Perylene-d12	20.14	264	168844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	833290	133.40	ng		0.02
7) Phenol-d6	7.07	99	1037756	122.95	ng		0.00
23) Nitrobenzene-d5	8.43	82	698798	80.08	ng		-0.01
41) 2,4,6-Tribromophenol	13.68	330	190725	109.04	ng		0.00
44) 2-Fluorobiphenyl	11.34	172	1140784	88.36	ng		0.00
78) Terphenyl-d14	17.13	244	829092	74.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	100670	30.54	ng	#	65
3) Pyridine	2.50	79	257357	35.72	ng	#	64
4) n-Nitrosodimethylamine	2.47	42	221161	39.83	ng	#	46
6) Aniline	7.02	93	257231	23.56	ng		94
8) 2-Chlorophenol	7.20	128	316631	40.65	ng		91
9) Benzaldehyde	6.84	77	40079	8.60	ng		96
10) Phenol	7.08	94	355864	38.61	ng		77
11) bis(2-Chloroethyl)ether	7.16	93	295474	39.61	ng		88
12) 1,3-Dichlorobenzene	7.42	146	326390	38.41	ng	#	93
13) 1,4-Dichlorobenzene	7.54	146	326725m	37.46	ng		
14) 1,2-Dichlorobenzene	7.78	146	314711	39.01	ng		100
15) Benzyl Alcohol	7.82	79	286378	46.54	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	605722	36.09	ng		77
17) 2-Methylphenol	8.03	107	255445	40.92	ng	#	88
18) Hexachloroethane	8.30	117	102578	31.52	ng		95
19) n-Nitroso-di-n-propylamine	8.24	70	252384	40.09	ng	#	70
20) 3+4-Methylphenols	8.28	107	339562	44.99	ng	#	57
22) Acetophenone	8.20	105	450171	42.85	ng	#	97
24) Nitrobenzene	8.47	77	365613	39.69	ng		96
25) Isophorone	8.86	82	624027	39.87	ng		98
26) 2-Nitrophenol	8.97	139	140680	37.36	ng	#	75
27) 2,4-Dimethylphenol	9.11	122	272398	41.67	ng	#	83
28) bis(2-Chloroethoxy)methane	9.24	93	374631	42.50	ng		98
29) 2,4-Dichlorophenol	9.38	162	243531	41.34	ng		96
30) 1,2,4-Trichlorobenzene	9.47	180	265256	39.33	ng		97
31) Naphthalene	9.59	128	883726	40.10	ng		100
32) Benzoic acid	9.42	122	102416	32.56	ng	#	82
33) 4-Chloroaniline	9.74	127	127763	15.74	ng	#	94
34) Hexachlorobutadiene	9.80	225	153269	37.39	ng		98
35) Caprolactam	10.34	113	75933	44.17	ng	#	50
36) 4-Chloro-3-methylphenol	10.59	107	276610	41.53	ng		94
37) 2-Methylnaphthalene	10.71	142	542500m	39.40	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	234085	40.18	ng		98
40) Hexachlorocyclopentadiene	10.96	237	15601	15.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	148192	44.07	ng		93
43) 2,4,5-Trichlorophenol	11.29	196	145650	42.53	ng	#	92
45) 1,1'-Biphenyl	11.49	154	669538	43.69	ng		99
46) 2-Chloronaphthalene	11.50	162	485423	41.40	ng		97
47) 2-Nitroaniline	11.71	65	201576	47.72	ng		91
48) Acenaphthylene	12.15	152	753928	40.62	ng		99
49) Dimethylphthalate	12.03	163	620183	42.53	ng		99
50) 2,6-Dinitrotoluene	12.13	165	121039	41.20	ng		95
51) Acenaphthene	12.43	154	461570	40.46	ng		98
52) 3-Nitroaniline	12.39	138	102472	33.98	ng	#	92
53) 2,4-Dinitrophenol	12.61	184	18231	17.68	ng	#	82
54) Dibenzofuran	12.72	168	678264	43.91	ng		97
55) 4-Nitrophenol	12.77	139	132000	91.77	ng	#	59
56) 2,4-Dinitrotoluene	12.78	165	145493	37.05	ng	#	82
57) Fluorene	13.27	166	521364	38.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	113320m	43.01	ng		
59) Diethylphthalate	13.18	149	585415	41.30	ng		100
60) 4-Chlorophenyl-phenylether	13.30	204	252612	38.67	ng		92
61) 4-Nitroaniline	13.38	138	101359	36.02	ng	#	65
62) Azobenzene	13.55	77	638890	43.44	ng		86
64) 4,6-Dinitro-2-methylphenol	13.45	198	18940	10.08	ng	#	64
65) n-Nitrosodiphenylamine	13.51	169	439478	45.98	ng		100
66) 4-Bromophenyl-phenylether	14.08	248	140073	43.33	ng		94
67) Hexachlorobenzene	14.15	284	138944	41.09	ng	#	61
68) Atrazine	14.43	200	131717	43.24	ng		94
69) Pentachlorophenol	14.51	266	105180	98.54	ng		96
70) Phenanthrene	14.81	178	692141	42.28	ng		99
71) Anthracene	14.90	178	696977	42.15	ng		99
72) Carbazole	15.19	167	621114	44.04	ng		99
73) Di-n-butylphthalate	15.77	149	808970	44.35	ng	#	98
74) Fluoranthene	16.57	202	657988	40.09	ng		96
76) Benzidine	16.80	184	402793	65.84	ng		96
77) Pyrene	16.88	202	680104	39.74	ng		99
79) Butylbenzylphthalate	17.79	149	308153	40.60	ng	#	79
80) Benzo(a)anthracene	18.46	228	568516	42.04	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	164190	21.98	ng	#	97
82) Chrysene	18.50	228	547350	40.78	ng		99
83) Bis(2-ethylhexyl)phthalate	18.54	149	418203	37.76	ng	#	96
84) Di-n-octyl phthalate	19.31	149	701262	41.52	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.36	276	369783	34.37	ng		94
87) Benzo(b)fluoranthene	19.73	252	429768m	39.96	ng		
88) Benzo(k)fluoranthene	19.76	252	454002m	49.04	ng		
89) Benzo(a)pyrene	20.08	252	408383	43.90	ng		98
90) Dibenzo(a,h)anthracene	21.36	278	314678	39.66	ng		97
91) Benzo(g,h,i)perylene	21.70	276	300981	38.45	ng		95

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

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