Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087427.D
Acq On : 27 May 2016 1:52
Operator : UM/SJ
Sample : PB90852BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Manual Integrations APPROVED
sohil
5/27/2016 7:38:06 PM

Quant Time: May 27 03:43:05 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	100984	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	413949	20.00	ng		-0.02
38) Acenaphthene-d10	12.36	164	192970	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	376079	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	296295	20.00	ng		-0.01
86) Perylene-d12	20.13	264	210478	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	762721	132.72	ng		0.01
7) Phenol-d6	7.06	99	939968	121.04	ng		-0.01
23) Nitrobenzene-d5	8.42	82	651300	79.30	ng		-0.02
41) 2,4,6-Tribromophenol	13.67	330	230965	124.55	ng		-0.01
44) 2-Fluorobiphenyl	11.31	172	1109640	81.07	ng		-0.02
78) Terphenyl-d14	17.12	244	1068901	76.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	100855	33.26	ng	#	61
3) Pyridine	2.49	79	212778	32.10	ng	#	65
4) n-Nitrosodimethylamine	2.46	42	214926	42.08	ng	#	47
6) Aniline	7.02	93	259061	25.79	ng		93
8) 2-Chlorophenol	7.19	128	287690	40.14	ng		90
9) Benzaldehyde	6.87	77	25509	5.95	ng		95
10) Phenol	7.08	94	364041	42.93	ng		86
11) bis(2-Chloroethyl)ether	7.15	93	279432	40.71	ng		89
12) 1,3-Dichlorobenzene	7.40	146	302242	38.66	ng	#	94
13) 1,4-Dichlorobenzene	7.53	146	311299	38.79	ng		94
14) 1,2-Dichlorobenzene	7.76	146	291316	39.24	ng		97
15) Benzyl Alcohol	7.82	79	242608	42.85	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	555929	36.00	ng		95
17) 2-Methylphenol	8.02	107	236253	41.13	ng	#	87
18) Hexachloroethane	8.28	117	118698	39.65	ng	#	90
19) n-Nitroso-di-n-propylamine	8.23	70	237437	41.00	ng	#	73
20) 3+4-Methylphenols	8.28	107	298497	42.99	ng	#	59
22) Acetophenone	8.19	105	422792	42.75	ng	#	98
24) Nitrobenzene	8.44	77	339564	39.17	ng		95
25) Isophorone	8.84	82	584887	39.71	ng		98
26) 2-Nitrophenol	8.96	139	147636	41.66	ng	#	73
27) 2,4-Dimethylphenol	9.11	122	261084	42.44	ng		88
28) bis(2-Chloroethoxy)methane	9.23	93	347721	41.91	ng		99
29) 2,4-Dichlorophenol	9.38	162	236188	42.60	ng		99
30) 1,2,4-Trichlorobenzene	9.46	180	252545	39.79	ng		98
31) Naphthalene	9.56	128	835865	40.30	ng		99
32) Benzoic acid	9.43	122	121223	39.45	ng	#	76
33) 4-Chloroaniline	9.74	127	109406	14.32	ng	#	92
34) Hexachlorobutadiene	9.78	225	145650	37.75	ng		98
35) Caprolactam	10.33	113	73960m	45.70	ng		
36) 4-Chloro-3-methylphenol	10.59	107	275627	43.97	ng		96
37) 2-Methylnaphthalene	10.70	142	542860	41.89	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	234328	37.94	ng		97
40) Hexachlorocyclopentadiene	10.95	237	170058	68.45	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	137269	38.50	ng		95
43) 2,4,5-Trichlorophenol	11.29	196	142070	39.13	ng	#	90
45) 1,1'-Biphenyl	11.46	154	668928	41.17	ng		97
46) 2-Chloronaphthalene	11.48	162	502518	40.43	ng		97
47) 2-Nitroaniline	11.70	65	203878	45.53	ng	#	80
48) Acenaphthylene	12.14	152	808543	41.09	ng		99
49) Dimethylphthalate	12.02	163	625986	40.50	ng		99
50) 2,6-Dinitrotoluene	12.11	165	132481	42.53	ng	#	78
51) Acenaphthene	12.42	154	499088	41.26	ng		98
52) 3-Nitroaniline	12.39	138	70732	22.13	ng		94
53) 2,4-Dinitrophenol	12.58	184	122882	77.32	ng	#	83
54) Dibenzofuran	12.71	168	739106	45.13	ng		96
55) 4-Nitrophenol	12.78	139	115846	75.97	ng	#	33
56) 2,4-Dinitrotoluene	12.78	165	186693	44.85	ng	#	91
57) Fluorene	13.26	166	597768	42.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	127902	45.79	ng		98
59) Diethylphthalate	13.16	149	616823	41.04	ng		100
60) 4-Chlorophenyl-phenylether	13.29	204	274510	39.64	ng		91
61) 4-Nitroaniline	13.38	138	130752	43.82	ng	#	61
62) Azobenzene	13.54	77	726804	46.62	ng		85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96738	40.45	ng	#	60
65) n-Nitrosodiphenylamine	13.51	169	510974	42.01	ng		100
66) 4-Bromophenyl-phenylether	14.07	248	162621	39.53	ng		94
67) Hexachlorobenzene	14.14	284	170320	39.58	ng	#	61
68) Atrazine	14.42	200	154507	39.85	ng		92
69) Pentachlorophenol	14.51	266	83299	63.66	ng		98
70) Phenanthrene	14.81	178	881927	42.34	ng		99
71) Anthracene	14.89	178	901675	42.85	ng		99
72) Carbazole	15.18	167	791085	44.08	ng		98
73) Di-n-butylphthalate	15.76	149	943474	40.65	ng	#	98
74) Fluoranthene	16.57	202	894400	42.82	ng		92
76) Benzidine	16.80	184	206076	27.03	ng		95
77) Pyrene	16.87	202	891192	41.79	ng		100
79) Butylbenzylphthalate	17.78	149	378623	40.03	ng	#	75
80) Benzo(a)anthracene	18.45	228	708552	42.04	ng		98
81) 3,3'-Dichlorobenzidine	18.43	252	117286	12.60	ng		98
82) Chrysene	18.49	228	683633	40.87	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	477371	34.59	ng	#	96
84) Di-n-octyl phthalate	19.29	149	703066	33.40	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.35	276	535228	39.92	ng		94
87) Benzo(b)fluoranthene	19.73	252	556033	41.47	ng	#	94
88) Benzo(k)fluoranthene	19.75	252	542248m	46.99	ng		
89) Benzo(a)pyrene	20.07	252	509992	43.98	ng	#	97
90) Dibenzo(a,h)anthracene	21.36	278	445527	45.05	ng	#	93
91) Benzo(g,h,i)perylene	21.70	276	451044	46.22	ng	#	91

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

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