Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080046.D
Acq On : 18 Jun 2015 15:03
Operator : TP/IZ
Sample : PB84072BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84072BS

Manual Integrations APPROVED
apatel
6/19/2015 1:31:44 PM

Quant Time: Jun 19 11:21:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 11:05:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	46349	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	193802	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	107222	20.00	ng		0.00
63) Phenanthrene-d10	11.93	188	225296	20.00	ng		-0.05
75) Chrysene-d12	15.16	240	247322	20.00	ng		-0.25
86) Perylene-d12	17.18	264	236037	20.00	ng		-0.41
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	343768	131.29	ng		0.00
7) Phenol-d6	6.94	99	468241	134.39	ng		0.00
23) Nitrobenzene-d5	7.89	82	268500	80.65	ng		0.00
41) 2,4,6-Tribromophenol	11.20	330	128766	122.81	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	551928	73.41	ng		0.00
78) Terphenyl-d14	13.76	244	747803	70.62	ng		-0.15
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	39230	31.52	ng		85
3) Pyridine	4.05	79	109984	33.23	ng	#	80
4) n-Nitrosodimethylamine	3.96	42	60246	38.30	ng		97
6) Aniline	6.98	93	131875	27.51	ng	#	90
8) 2-Chlorophenol	7.12	128	114459	37.82	ng		93
9) Benzaldehyde	6.88	77	79269	39.41	ng	#	86
10) Phenol	6.95	94	167197	43.97	ng		81
11) bis(2-Chloroethyl)ether	7.05	93	116753	38.70	ng		89
12) 1,3-Dichlorobenzene	7.28	146	125567	34.54	ng		97
13) 1,4-Dichlorobenzene	7.35	146	140918m	40.76	ng		
14) 1,2-Dichlorobenzene	7.51	146	130098	38.67	ng		98
15) Benzyl Alcohol	7.45	79	105036	36.87	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.60	45	193705	43.26	ng		85
17) 2-Methylphenol	7.57	107	98272	38.02	ng	#	89
18) Hexachloroethane	7.85	117	42864	37.24	ng		92
19) n-Nitroso-di-n-propylamine	7.73	70	96099	39.73	ng	#	75
20) 3+4-Methylphenols	7.72	107	139368	41.78	ng		92
22) Acetophenone	7.73	105	165958	36.75	ng	#	79
24) Nitrobenzene	7.91	77	134335	39.10	ng	#	73
25) Isophorone	8.15	82	233955	34.92	ng	#	96
26) 2-Nitrophenol	8.23	139	63393	44.08	ng	#	65
27) 2,4-Dimethylphenol	8.25	122	123801	41.28	ng	#	84
28) bis(2-Chloroethoxy)methane	8.34	93	140322	35.65	ng	#	91
29) 2,4-Dichlorophenol	8.47	162	115849	45.11	ng		99
30) 1,2,4-Trichlorobenzene	8.56	180	114162	39.14	ng		97
31) Naphthalene	8.64	128	331943m	32.76	ng		
32) Benzoic acid	8.31	122	57667	31.80	ng	#	63
33) 4-Chloroaniline	8.69	127	95993m	22.14	ng		
34) Hexachlorobutadiene	8.77	225	70817	39.43	ng		97
35) Caprolactam	9.02	113	30630	36.74	ng	#	70
36) 4-Chloro-3-methylphenol	9.16	107	110350	38.09	ng		92
37) 2-Methylnaphthalene	9.34	142	250090	38.16	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	120195	38.52	ng		99
40) Hexachlorocyclopentadiene	9.50	237	119093	74.63	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	80306	37.83	ng		100
43) 2,4,5-Trichlorophenol	9.66	196	81280	33.23	ng	#	90
45) 1,1'-Biphenyl	9.81	154	320342	36.72	ng		96
46) 2-Chloronaphthalene	9.83	162	227019	32.07	ng	#	90
47) 2-Nitroaniline	9.92	65	71710	36.91	ng		89
48) Acenaphthylene	10.25	152	391555	33.14	ng		98
49) Dimethylphthalate	10.09	163	303971	37.71	ng	#	97
50) 2,6-Dinitrotoluene	10.16	165	56905	35.21	ng	#	91
51) Acenaphthene	10.44	154	252905	34.99	ng		90
52) 3-Nitroaniline	10.33	138	51027	27.37	ng	#	95
53) 2,4-Dinitrophenol	10.44	184	58295	88.00	ng	#	1
54) Dibenzofuran	10.61	168	353794	34.50	ng		96
55) 4-Nitrophenol	10.47	139	110242	73.97	ng	#	43
56) 2,4-Dinitrotoluene	10.56	165	81000	39.50	ng	#	69
57) Fluorene	10.95	166	294958	36.25	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.72	232	73854	35.77	ng		94
59) Diethylphthalate	10.80	149	296628	36.54	ng		96
60) 4-Chlorophenyl-phenylether	10.94	204	140056	35.81	ng		95
61) 4-Nitroaniline	10.95	138	65846	34.19	ng	#	74
62) Azobenzene	11.10	77	300123	36.32	ng		89
64) 4,6-Dinitro-2-methylphenol	10.98	198	39346	37.83	ng	#	64
65) n-Nitrosodiphenylamine	11.05	169	262411	35.77	ng		92
66) 4-Bromophenyl-phenylether	11.44	248	84497	35.27	ng		94
67) Hexachlorobenzene	11.52	284	86989	32.67	ng	#	70
68) Atrazine	11.59	200	85573	36.92	ng		82
69) Pentachlorophenol	11.73	266	102388	67.87	ng		96
70) Phenanthrene	11.97	178	453896	33.28	ng		98
71) Anthracene	12.02	178	459930	35.02	ng		98
72) Carbazole	12.17	167	404112	32.23	ng		95
73) Di-n-butylphthalate	12.53	149	485238	33.49	ng	#	98
74) Fluoranthene	13.32	202	488609	33.64	ng		91
76) Benzidine	13.44	184	272357	39.40	ng		97
77) Pyrene	13.59	202	507268	33.31	ng		97
79) Butylbenzylphthalate	14.37	149	221763	36.27	ng		92
80) Benzo(a)anthracene	15.15	228	493360	32.74	ng		97
81) 3,3'-Dichlorobenzidine	15.09	252	117183	22.55	ng	#	93
82) Chrysene	15.19	228	457505	32.93	ng		95
83) Bis(2-ethylhexyl)phthalate	15.13	149	335360	34.70	ng	#	90
84) Di-n-octyl phthalate	16.04	149	566229	34.19	ng		94
85) Indeno(1,2,3-cd)pyrene	19.08	276	536624	30.63	ng	#	88
87) Benzo(b)fluoranthene	16.63	252	509749	35.67	ng	#	87
88) Benzo(k)fluoranthene	16.67	252	442862	30.43	ng	#	90
89) Benzo(a)pyrene	17.10	252	474551	34.97	ng	#	89
90) Dibenzo(a,h)anthracene	19.10	278	448033	32.25	ng	#	83
91) Benzo(g,h,i)perylene	19.64	276	447471	31.90	ng	#	78

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

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