Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080232.D
Acq On : 30 Jun 2015 12:43
Operator : TP/IZ
Sample : PB84255BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84255BS

Manual Integrations APPROVED
apatel
7/1/2015 4:16:16 PM

Quant Time: Jul 01 11:01:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	31779	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	123467	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	62924	20.00	ng		-0.05
63) Phenanthrene-d10	11.86	188	130264	20.00	ng		-0.05
75) Chrysene-d12	15.01	240	138513	20.00	ng		0.01
86) Perylene-d12	16.99	264	131213	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	266017	148.18	ng		-0.03
7) Phenol-d6	6.89	99	340961	142.72	ng		-0.03
23) Nitrobenzene-d5	7.84	82	202056	95.27	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	84748	137.73	ng		-0.03
44) 2-Fluorobiphenyl	9.66	172	399055	90.44	ng		-0.03
78) Terphenyl-d14	13.65	244	502919	84.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	27884	32.68	ng		87
3) Pyridine	3.97	79	92098	40.58	ng	#	82
4) n-Nitrosodimethylamine	3.88	42	40418	37.48	ng		90
6) Aniline	6.94	93	96276	29.29	ng		91
8) 2-Chlorophenol	7.06	128	86927	41.90	ng	#	80
9) Benzaldehyde	6.84	77	45241	32.80	ng	#	88
10) Phenol	6.90	94	125307	48.06	ng		74
11) bis(2-Chloroethyl)ether	7.01	93	89209	43.13	ng		90
12) 1,3-Dichlorobenzene	7.22	146	98128m	39.37	ng		
13) 1,4-Dichlorobenzene	7.30	146	108924m	45.95	ng		
14) 1,2-Dichlorobenzene	7.46	146	93835	40.68	ng		99
15) Benzyl Alcohol	7.41	79	73753m	37.76	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	147349	47.99	ng		86
17) 2-Methylphenol	7.52	107	79459	44.83	ng	#	86
18) Hexachloroethane	7.81	117	34151	43.27	ng	#	87
19) n-Nitroso-di-n-propylamine	7.68	70	69010	41.61	ng	#	78
20) 3+4-Methylphenols	7.67	107	99784	43.62	ng		89
22) Acetophenone	7.68	105	120418	41.85	ng	#	78
24) Nitrobenzene	7.86	77	97993	44.77	ng	#	74
25) Isophorone	8.10	82	167595	39.27	ng	#	96
26) 2-Nitrophenol	8.18	139	47763	52.13	ng	#	70
27) 2,4-Dimethylphenol	8.21	122	90197	47.21	ng	#	82
28) bis(2-Chloroethoxy)methane	8.30	93	100073	39.91	ng	#	91
29) 2,4-Dichlorophenol	8.42	162	84892	51.88	ng		98
30) 1,2,4-Trichlorobenzene	8.52	180	87589	47.14	ng		99
31) Naphthalene	8.60	128	247450m	38.33	ng		
32) Benzoic acid	8.28	122	46581	40.32	ng	#	68
33) 4-Chloroaniline	8.64	127	64600	23.38	ng	#	97
34) Hexachlorobutadiene	8.72	225	50235	43.91	ng		99
35) Caprolactam	8.97	113	22011	41.45	ng	#	68
36) 4-Chloro-3-methylphenol	9.11	107	85633	46.40	ng		86
37) 2-Methylnaphthalene	9.29	142	189985	45.50	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	87246	47.65	ng		99
40) Hexachlorocyclopentadiene	9.45	237	83237	87.69	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	57601	46.23	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	56245	39.18	ng	#	89
45) 1,1'-Biphenyl	9.76	154	217812	42.54	ng		95
46) 2-Chloronaphthalene	9.78	162	166014	39.97	ng	#	92
47) 2-Nitroaniline	9.88	65	50065	43.91	ng		92
48) Acenaphthylene	10.21	152	290940	41.96	ng		97
49) Dimethylphthalate	10.05	163	209945	44.38	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	40885	43.11	ng	#	92
51) Acenaphthene	10.38	154	185837	43.81	ng		89
52) 3-Nitroaniline	10.29	138	34540	31.57	ng	#	90
53) 2,4-Dinitrophenol	10.39	184	42722	108.44	ng	#	1
54) Dibenzofuran	10.55	168	248722	41.33	ng	#	87
55) 4-Nitrophenol	10.44	139	75418	86.23	ng	#	85
56) 2,4-Dinitrotoluene	10.52	165	57093	47.44	ng	#	68
57) Fluorene	10.90	166	205805	43.10	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.68	232	48889	40.34	ng		96
59) Diethylphthalate	10.76	149	200864	42.17	ng		96
60) 4-Chlorophenyl-phenylether	10.88	204	92978	40.51	ng	#	79
61) 4-Nitroaniline	10.89	138	43573	38.56	ng	#	41
62) Azobenzene	11.04	77	188186	38.81	ng	#	83
64) 4,6-Dinitro-2-methylphenol	10.94	198	26424	42.23	ng	#	60
65) n-Nitrosodiphenylamine	11.00	169	166643	39.29	ng		93
66) 4-Bromophenyl-phenylether	11.38	248	57748	41.69	ng		94
67) Hexachlorobenzene	11.46	284	60864	39.54	ng	#	82
68) Atrazine	11.53	200	52629	39.27	ng		82
69) Pentachlorophenol	11.66	266	66803	76.58	ng		100
70) Phenanthrene	11.90	178	307816	39.03	ng		98
71) Anthracene	11.94	178	316059	41.62	ng		99
72) Carbazole	12.10	167	289675	39.96	ng		97
73) Di-n-butylphthalate	12.45	149	338008	40.35	ng	#	99
74) Fluoranthene	13.21	202	338895	40.35	ng		88
76) Benzidine	13.34	184	182047	47.02	ng		97
77) Pyrene	13.48	202	349825	41.02	ng		97
79) Butylbenzylphthalate	14.23	149	138453	40.43	ng	#	86
80) Benzo(a)anthracene	15.00	228	331066	39.23	ng		97
81) 3,3'-Dichlorobenzidine	14.94	252	71191	24.46	ng	#	94
82) Chrysene	15.04	228	310933	39.96	ng		95
83) Bis(2-ethylhexyl)phthalate	14.99	149	207687	38.37	ng	#	93
84) Di-n-octyl phthalate	15.87	149	357092	38.50	ng		95
85) Indeno(1,2,3-cd)pyrene	18.83	276	360027	36.69	ng	#	89
87) Benzo(b)fluoranthene	16.44	252	320425	40.33	ng	#	89
88) Benzo(k)fluoranthene	16.48	252	316950	39.18	ng	#	86
89) Benzo(a)pyrene	16.91	252	315364	41.80	ng	#	85
90) Dibenzo(a,h)anthracene	18.86	278	302287	39.15	ng	#	80
91) Benzo(g,h,i)perylene	19.39	276	303733	38.96	ng	#	76

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

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