Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080054.D
Acq On : 19 Jun 2015 13:08
Operator : TP/IZ
Sample : PB84077BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84077BS

Manual Integrations APPROVED
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6/22/2015 2:40:04 PM

Quant Time: Jun 19 23:39:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	43249	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	171918	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	91797	20.00	ng		-0.01
63) Phenanthrene-d10	11.91	188	189198	20.00	ng		0.00
75) Chrysene-d12	15.01	240	210469	20.00	ng		0.15
86) Perylene-d12	16.95	264	199127	20.00	ng		0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	348387	142.59	ng		0.00
7) Phenol-d6	6.94	99	456823	140.51	ng		0.00
23) Nitrobenzene-d5	7.89	82	270992	91.77	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	126317	140.72	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	538694	83.69	ng		0.00
78) Terphenyl-d14	13.67	244	705089	78.24	ng		0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	36934	31.80	ng		88
3) Pyridine	4.04	79	137656	44.57	ng		85
4) n-Nitrosodimethylamine	3.96	42	54153	36.90	ng		94
6) Aniline	6.98	93	122011	27.28	ng		93
8) 2-Chlorophenol	7.11	128	115800	41.01	ng	#	78
9) Benzaldehyde	6.88	77	70278	37.44	ng	#	87
10) Phenol	6.95	94	160205	45.15	ng		82
11) bis(2-Chloroethyl)ether	7.05	93	111916	39.76	ng		88
12) 1,3-Dichlorobenzene	7.28	146	127815	37.68	ng		98
13) 1,4-Dichlorobenzene	7.35	146	141720m	43.93	ng		
14) 1,2-Dichlorobenzene	7.51	146	128682	40.99	ng		98
15) Benzyl Alcohol	7.45	79	101887	38.33	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.60	45	193042	46.20	ng		86
17) 2-Methylphenol	7.57	107	94252	39.08	ng	#	90
18) Hexachloroethane	7.85	117	45349	42.22	ng		89
19) n-Nitroso-di-n-propylamine	7.73	70	90297	40.00	ng	#	76
20) 3+4-Methylphenols	7.72	107	133633	42.93	ng		93
22) Acetophenone	7.73	105	163050	40.70	ng	#	79
24) Nitrobenzene	7.91	77	129023	42.33	ng	#	75
25) Isophorone	8.14	82	225241	37.90	ng	#	81
26) 2-Nitrophenol	8.23	139	61442	48.16	ng	#	70
27) 2,4-Dimethylphenol	8.25	122	119570	44.95	ng		85
28) bis(2-Chloroethoxy)methane	8.34	93	146922	42.08	ng	#	91
29) 2,4-Dichlorophenol	8.47	162	109218	47.94	ng		99
30) 1,2,4-Trichlorobenzene	8.56	180	116326	44.96	ng		98
31) Naphthalene	8.64	128	345451m	38.43	ng		
32) Benzoic acid	8.31	122	52526	32.66	ng	#	54
33) 4-Chloroaniline	8.68	127	72616m	18.88	ng		
34) Hexachlorobutadiene	8.77	225	66259	41.59	ng		98
35) Caprolactam	9.02	113	31032	41.96	ng		90
36) 4-Chloro-3-methylphenol	9.16	107	101637	39.55	ng		96
37) 2-Methylnaphthalene	9.34	142	254885	43.84	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	118738	44.45	ng		99
40) Hexachlorocyclopentadiene	9.50	237	122701	88.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	82068	45.15	ng		98
43) 2,4,5-Trichlorophenol	9.65	196	78725	37.59	ng	#	86
45) 1,1'-Biphenyl	9.81	154	297973	39.90	ng		95
46) 2-Chloronaphthalene	9.83	162	229377	37.85	ng	#	93
47) 2-Nitroaniline	9.91	65	65428	39.33	ng	#	55
48) Acenaphthylene	10.25	152	386720	38.23	ng		97
49) Dimethylphthalate	10.09	163	281467	40.78	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	56405	40.77	ng	#	39
51) Acenaphthene	10.42	154	246748	39.88	ng		93
52) 3-Nitroaniline	10.32	138	39317	24.63	ng	#	44
53) 2,4-Dinitrophenol	10.44	184	56026	98.07	ng	#	1
54) Dibenzofuran	10.60	168	332084	37.82	ng	#	85
55) 4-Nitrophenol	10.47	139	111672	87.52	ng	#	59
56) 2,4-Dinitrotoluene	10.56	165	84459	48.11	ng	#	87
57) Fluorene	10.95	166	283976	40.76	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	69539	39.33	ng		97
59) Diethylphthalate	10.79	149	270772	38.96	ng		95
60) 4-Chlorophenyl-phenylether	10.93	204	128140	38.27	ng	#	81
61) 4-Nitroaniline	10.94	138	62854	38.12	ng	#	49
62) Azobenzene	11.09	77	262409	37.10	ng	#	84
64) 4,6-Dinitro-2-methylphenol	10.97	198	35722	40.07	ng		89
65) n-Nitrosodiphenylamine	11.04	169	237011	38.47	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	84084	41.80	ng		95
67) Hexachlorobenzene	11.51	284	84953	38.00	ng	#	83
68) Atrazine	11.57	200	73842	37.94	ng		82
69) Pentachlorophenol	11.70	266	100468	79.30	ng		99
70) Phenanthrene	11.94	178	412003	35.97	ng		97
71) Anthracene	11.99	178	419208	38.01	ng		97
72) Carbazole	12.15	167	392937	37.32	ng		97
73) Di-n-butylphthalate	12.49	149	458468	37.69	ng	#	99
74) Fluoranthene	13.25	202	469373	38.48	ng		89
76) Benzidine	13.37	184	274685	46.69	ng		98
77) Pyrene	13.51	202	474390	36.61	ng		97
79) Butylbenzylphthalate	14.24	149	199002	38.24	ng	#	81
80) Benzo(a)anthracene	15.00	228	469670	36.63	ng		97
81) 3,3'-Dichlorobenzidine	14.94	252	139846	31.62	ng	#	93
82) Chrysene	15.04	228	434943	36.79	ng		94
83) Bis(2-ethylhexyl)phthalate	14.97	149	309351	37.61	ng	#	90
84) Di-n-octyl phthalate	15.83	149	507442	36.01	ng		96
85) Indeno(1,2,3-cd)pyrene	18.83	276	499108	33.48	ng	#	89
87) Benzo(b)fluoranthene	16.40	252	446718	37.05	ng	#	89
88) Benzo(k)fluoranthene	16.45	252	455323	37.09	ng	#	86
89) Benzo(a)pyrene	16.87	252	443919	38.77	ng	#	88
90) Dibenzo(a,h)anthracene	18.85	278	426409	36.39	ng	#	81
91) Benzo(g,h,i)perylene	19.39	276	424815	35.90	ng	#	76

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

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