Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF079997.D
Acq On : 16 Jun 2015 18:24
Operator : TP/IZ
Sample : PB84029BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84029BS

Manual Integrations APPROVED
apatel
6/17/2015 5:12:20 PM

Quant Time: Jun 17 03:02:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	52745	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	204645	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	104924	20.00	ng		0.00
63) Phenanthrene-d10	11.92	188	199930	20.00	ng		0.00
75) Chrysene-d12	14.85	240	217772	20.00	ng		-0.06
86) Perylene-d12	16.71	264	211693	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.97	112	402881	140.06	ng		0.01
7) Phenol-d6	6.95	99	509080	129.90	ng		0.00
23) Nitrobenzene-d5	7.91	82	322540	103.99	ng		0.00
41) 2,4,6-Tribromophenol	11.21	330	136198	128.90	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	613186	81.83	ng		0.00
78) Terphenyl-d14	13.59	244	776766	82.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	45694	34.92	ng		96
3) Pyridine	4.07	79	130672	38.97	ng		99
4) n-Nitrosodimethylamine	3.98	42	69891	42.29	ng	#	91
6) Aniline	7.01	93	134149	23.65	ng		98
8) 2-Chlorophenol	7.13	128	148300	42.42	ng		94
9) Benzaldehyde	6.89	77	82338	36.55	ng		97
10) Phenol	6.96	94	168751	39.15	ng		80
11) bis(2-Chloroethyl)ether	7.06	93	129688	37.39	ng		92
12) 1,3-Dichlorobenzene	7.29	146	162087	39.74	ng		96
13) 1,4-Dichlorobenzene	7.37	146	170628	40.28	ng		98
14) 1,2-Dichlorobenzene	7.52	146	150109	39.90	ng		98
15) Benzyl Alcohol	7.48	79	134534	42.82	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.61	45	202957	39.51	ng		98
17) 2-Methylphenol	7.58	107	119068	38.98	ng		95
18) Hexachloroethane	7.88	117	56940	43.41	ng		97
19) n-Nitroso-di-n-propylamine	7.74	70	101266	36.16	ng		92
20) 3+4-Methylphenols	7.73	107	156146	40.00	ng		96
22) Acetophenone	7.75	105	216167	44.73	ng	#	95
24) Nitrobenzene	7.92	77	146164	44.30	ng		98
25) Isophorone	8.16	82	287174	39.79	ng		98
26) 2-Nitrophenol	8.25	139	59302	50.95	ng	#	94
27) 2,4-Dimethylphenol	8.26	122	132744	41.03	ng		95
28) bis(2-Chloroethoxy)methane	8.37	93	191893	44.77	ng		99
29) 2,4-Dichlorophenol	8.49	162	118687	43.81	ng	#	85
30) 1,2,4-Trichlorobenzene	8.58	180	133220	38.69	ng		98
31) Naphthalene	8.66	128	442781	39.58	ng		99
32) Benzoic acid	8.32	122	54717m	44.15	ng		
33) 4-Chloroaniline	8.70	127	67378	15.52	ng		98
34) Hexachlorobutadiene	8.79	225	73282	38.33	ng		99
35) Caprolactam	9.03	113	34207	39.92	ng	#	61
36) 4-Chloro-3-methylphenol	9.17	107	130144	42.05	ng		92
37) 2-Methylnaphthalene	9.36	142	315044	41.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	132603	37.74	ng		98
40) Hexachlorocyclopentadiene	9.52	237	137947	85.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	82701	38.20	ng		95
43) 2,4,5-Trichlorophenol	9.67	196	98148	41.06	ng		98
45) 1,1'-Biphenyl	9.82	154	342268	40.31	ng		98
46) 2-Chloronaphthalene	9.85	162	286261	39.60	ng		98
47) 2-Nitroaniline	9.93	65	77326	49.63	ng		95
48) Acenaphthylene	10.28	152	483110	39.59	ng		99
49) Dimethylphthalate	10.10	163	307871	36.62	ng		99
50) 2,6-Dinitrotoluene	10.17	165	65239	42.82	ng		98
51) Acenaphthene	10.45	154	290762	41.92	ng		96
52) 3-Nitroaniline	10.34	138	43028	24.54	ng		87
53) 2,4-Dinitrophenol	10.45	184	39237	101.24	ng	#	1
54) Dibenzofuran	10.62	168	418917	41.33	ng		98
55) 4-Nitrophenol	10.49	139	109275	81.40	ng	#	64
56) 2,4-Dinitrotoluene	10.58	165	85426	42.56	ng		99
57) Fluorene	10.96	166	311846	35.30	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.73	232	85824	47.38	ng		99
59) Diethylphthalate	10.81	149	333841	39.72	ng		99
60) 4-Chlorophenyl-phenylether	10.95	204	160069	40.58	ng		92
61) 4-Nitroaniline	10.96	138	73771	38.33	ng		92
62) Azobenzene	11.11	77	339786	42.02	ng		96
64) 4,6-Dinitro-2-methylphenol	11.00	198	33642	68.36	ng		92
65) n-Nitrosodiphenylamine	11.06	169	292665	45.35	ng		99
66) 4-Bromophenyl-phenylether	11.45	248	86919	38.80	ng	#	90
67) Hexachlorobenzene	11.53	284	95665	39.14	ng	#	84
68) Atrazine	11.58	200	81973	41.27	ng		93
69) Pentachlorophenol	11.72	266	105481	90.87	ng		96
70) Phenanthrene	11.94	178	501876	42.12	ng		100
71) Anthracene	11.99	178	489798	42.48	ng		100
72) Carbazole	12.14	167	424466	37.96	ng	#	97
73) Di-n-butylphthalate	12.47	149	501415	41.16	ng		100
74) Fluoranthene	13.19	202	521874	39.62	ng		99
76) Benzidine	13.31	184	389115	64.52	ng		100
77) Pyrene	13.44	202	546335	39.94	ng		99
79) Butylbenzylphthalate	14.13	149	208979	45.25	ng		99
80) Benzo(a)anthracene	14.83	228	531188	38.41	ng		99
81) 3,3'-Dichlorobenzidine	14.77	252	134497	30.42	ng	#	97
82) Chrysene	14.87	228	491115	40.03	ng		99
83) Bis(2-ethylhexyl)phthalate	14.80	149	322758	43.66	ng		98
84) Di-n-octyl phthalate	15.59	149	529139	43.89	ng		100
85) Indeno(1,2,3-cd)pyrene	18.57	276	553694	38.23	ng		98
87) Benzo(b)fluoranthene	16.16	252	509381m	39.27	ng		
88) Benzo(k)fluoranthene	16.21	252	507139m	38.34	ng		
89) Benzo(a)pyrene	16.63	252	500492	40.57	ng		97
90) Dibenzo(a,h)anthracene	18.61	278	463441	38.22	ng		97
91) Benzo(g,h,i)perylene	19.15	276	476043	37.94	ng		95

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

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