Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077666.D
Acq On : 10 Mar 2015 17:40
Operator : TP/IZ
Sample : PB82015BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82015BSD

Manual Integrations APPROVED
mohammad
3/12/2015 2:21:51 PM

Quant Time: Mar 11 01:43:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	57170	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	232616	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	117328	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	227127	20.00	ng		0.00
75) Chrysene-d12	16.06	240	232307	20.00	ng		-0.02
86) Perylene-d12	17.83	264	234867	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	408166	119.19	ng		0.00
7) Phenol-d6	6.75	99	516914	117.40	ng		0.00
23) Nitrobenzene-d5	7.88	82	302058	80.75	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	135534	119.97	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	651816	86.62	ng		0.00
78) Terphenyl-d14	14.76	244	720686	72.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	44105	30.35	ng		95
3) Pyridine	2.83	79	118109	28.41	ng		97
4) n-Nitrosodimethylamine	2.73	42	64918	35.92	ng		88
6) Aniline	6.77	93	139124	22.86	ng	#	65
8) 2-Chlorophenol	6.92	128	152921	37.85	ng		99
9) Benzaldehyde	6.63	77	17126	6.41	ng		89
10) Phenol	6.77	94	179713	34.40	ng	#	70
11) bis(2-Chloroethyl)ether	6.88	93	145304	38.71	ng		93
12) 1,3-Dichlorobenzene	7.11	146	160421	36.47	ng		97
13) 1,4-Dichlorobenzene	7.21	146	162703	36.36	ng		99
14) 1,2-Dichlorobenzene	7.39	146	157773	37.06	ng		98
15) Benzyl Alcohol	7.37	79	124515	37.20	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	192511	35.87	ng		99
17) 2-Methylphenol	7.52	107	121726	38.55	ng		97
18) Hexachloroethane	7.81	117	56027	37.48	ng	#	74
19) n-Nitroso-di-n-propylamine	7.70	70	102021	36.49	ng		97
20) 3+4-Methylphenols	7.71	107	156912	37.73	ng	#	75
22) Acetophenone	7.69	105	203885	37.26	ng	#	84
24) Nitrobenzene	7.90	77	151043	38.38	ng		98
25) Isophorone	8.20	82	276796	37.30	ng		99
26) 2-Nitrophenol	8.29	139	74409	46.13	ng		100
27) 2,4-Dimethylphenol	8.36	122	142660	39.53	ng		99
28) bis(2-Chloroethoxy)methane	8.48	93	169853	36.23	ng		99
29) 2,4-Dichlorophenol	8.59	162	130662	38.57	ng		92
30) 1,2,4-Trichlorobenzene	8.69	180	133307	35.79	ng		99
31) Naphthalene	8.79	128	436332	37.51	ng		99
32) Benzoic acid	8.46	122	71389	40.71	ng		97
33) 4-Chloroaniline	8.86	127	107570	20.80	ng		97
34) Hexachlorobutadiene	8.94	225	76001	35.74	ng		100
35) Caprolactam	9.29	113	40377	39.04	ng		88
36) 4-Chloro-3-methylphenol	9.47	107	132329	38.86	ng		98
37) 2-Methylnaphthalene	9.65	142	300052	36.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	128948	38.30	ng	#	97
40) Hexachlorocyclopentadiene	9.84	237	132200	73.23	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	94559	42.41	ng		98
43) 2,4,5-Trichlorophenol	10.04	196	102121	42.84	ng	#	93
45) 1,1'-Biphenyl	10.23	154	348747	39.23	ng		97
46) 2-Chloronaphthalene	10.25	162	294979	42.31	ng		96
47) 2-Nitroaniline	10.38	65	77618	45.23	ng		98
48) Acenaphthylene	10.76	152	453282	41.07	ng		100
49) Dimethylphthalate	10.62	163	322586	39.11	ng		100
50) 2,6-Dinitrotoluene	10.69	165	70765	42.79	ng	#	45
51) Acenaphthene	10.97	154	259449	39.40	ng		99
52) 3-Nitroaniline	10.89	138	58405	30.63	ng		89
53) 2,4-Dinitrophenol	11.02	184	53166	105.64	ng		92
54) Dibenzofuran	11.19	168	409293	40.25	ng		99
55) 4-Nitrophenol	11.11	139	126375	82.40	ng	#	70
56) 2,4-Dinitrotoluene	11.18	165	100723	45.07	ng	#	89
57) Fluorene	11.61	166	334103	41.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	78931	41.18	ng		95
59) Diethylphthalate	11.49	149	328030	40.34	ng		98
60) 4-Chlorophenyl-phenylether	11.62	204	153550	39.20	ng		94
61) 4-Nitroaniline	11.64	138	81860	44.79	ng		89
62) Azobenzene	11.81	77	307268	39.83	ng		96
64) 4,6-Dinitro-2-methylphenol	11.68	198	36211	40.58	ng	#	29
65) n-Nitrosodiphenylamine	11.77	169	295653	39.23	ng		99
66) 4-Bromophenyl-phenylether	12.23	248	93770	35.26	ng		97
67) Hexachlorobenzene	12.28	284	100936	35.36	ng		96
68) Atrazine	12.44	200	91607	37.39	ng		97
69) Pentachlorophenol	12.54	266	118458	78.95	ng		99
70) Phenanthrene	12.80	178	496412	37.71	ng		99
71) Anthracene	12.86	178	516182	39.51	ng		98
72) Carbazole	13.07	167	488580	39.33	ng		98
73) Di-n-butylphthalate	13.52	149	488159	33.47	ng	#	97
74) Fluoranthene	14.27	202	510316	35.49	ng		99
76) Benzidine	14.46	184	227910	29.04	ng		97
77) Pyrene	14.55	202	541412	38.10	ng		99
79) Butylbenzylphthalate	15.38	149	222514	38.06	ng	#	82
80) Benzo(a)anthracene	16.05	228	508159	37.32	ng		99
81) 3,3'-Dichlorobenzidine	16.03	252	129321	25.92	ng		98
82) Chrysene	16.09	228	487616	38.14	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	324505	34.61	ng	#	94
84) Di-n-octyl phthalate	16.93	149	551282	35.22	ng		98
85) Indeno(1,2,3-cd)pyrene	19.25	276	579105m	39.73	ng		
87) Benzo(b)fluoranthene	17.38	252	512000	37.49	ng	#	98
88) Benzo(k)fluoranthene	17.41	252	514939	38.47	ng	#	94
89) Benzo(a)pyrene	17.77	252	491312	37.77	ng		98
90) Dibenzo(a,h)anthracene	19.28	278	491018	39.58	ng		98
91) Benzo(g,h,i)perylene	19.66	276	492340	39.32	ng	#	94

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

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