Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075596.D
Acq On : 16 Nov 2014 23:01
Operator : TP / JJ
Sample : PB80327BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80327BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:40:02 PM

Quant Time: Nov 17 07:41:50 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	24211	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	105591	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	59736	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	99411	20.00	ng		0.00
75) Chrysene-d12	16.46	240	99441	20.00	ng		-0.01
86) Perylene-d12	18.19	264	93061	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	113368	82.72	ng		0.00
7) Phenol-d6	7.11	99	136496	82.82	ng		0.00
23) Nitrobenzene-d5	8.24	82	124767	86.63	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	37088	74.13	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	284817	86.16	ng		0.00
78) Terphenyl-d14	15.16	244	304369	82.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	18415	32.01	ng		91
3) Pyridine	3.28	79	41832m	27.06	ng		
4) n-Nitrosodimethylamine	3.19	42	33682m	41.16	ng		
6) Aniline	7.13	93	28118	11.81	ng	#	84
8) 2-Chlorophenol	7.28	128	61248	38.61	ng		85
10) Phenol	7.12	94	78391	38.99	ng		94
11) bis(2-Chloroethyl)ether	7.24	93	62384	40.97	ng		86
12) 1,3-Dichlorobenzene	7.48	146	68092	39.39	ng		96
13) 1,4-Dichlorobenzene	7.58	146	67599	38.44	ng		91
14) 1,2-Dichlorobenzene	7.76	146	66424	40.28	ng		94
15) Benzyl Alcohol	7.73	79	53980	41.72	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.91	45	129619	41.12	ng		98
17) 2-Methylphenol	7.88	107	50944	38.79	ng		95
18) Hexachloroethane	8.18	117	24454	40.55	ng	#	70
19) n-Nitroso-di-n-propylamine	8.06	70	44600	39.72	ng		98
20) 3+4-Methylphenols	8.06	107	68354	39.75	ng	#	70
22) Acetophenone	8.06	105	97763	42.92	ng	#	90
24) Nitrobenzene	8.26	77	67593	40.50	ng		96
25) Isophorone	8.56	82	124027	37.72	ng		97
26) 2-Nitrophenol	8.66	139	31378	41.26	ng	#	80
27) 2,4-Dimethylphenol	8.72	122	57159	38.78	ng		96
28) bis(2-Chloroethoxy)methane	8.84	93	76587	38.22	ng		98
29) 2,4-Dichlorophenol	8.96	162	54177	41.96	ng		98
30) 1,2,4-Trichlorobenzene	9.06	180	54858	40.46	ng		94
31) Naphthalene	9.16	128	198476	42.16	ng		99
32) Benzoic acid	8.80	122	35967	40.39	ng		89
33) 4-Chloroaniline	9.22	127	31243	15.27	ng	#	92
34) Hexachlorobutadiene	9.32	225	30130	41.12	ng		96
35) Caprolactam	9.65	113	17627	41.19	ng		93
36) 4-Chloro-3-methylphenol	9.83	107	58323	41.16	ng		94
37) 2-Methylnaphthalene	10.02	142	132779	41.34	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	49619	40.41	ng		99
40) Hexachlorocyclopentadiene	10.21	237	57178	76.65	ng		96
42) 2,4,6-Trichlorophenol	10.37	196	35621	36.48	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.41	196	37615	36.99	ng	#	84
45) 1,1'-Biphenyl	10.61	154	160731	39.89	ng		94
46) 2-Chloronaphthalene	10.63	162	128844	40.90	ng		91
47) 2-Nitroaniline	10.76	65	39333	41.49	ng	#	52
48) Acenaphthylene	11.14	152	217050	41.78	ng		99
49) Dimethylphthalate	10.98	163	161158	39.47	ng		99
50) 2,6-Dinitrotoluene	11.05	165	32290	40.15	ng		98
51) Acenaphthene	11.35	154	123724	39.46	ng		98
52) 3-Nitroaniline	11.26	138	23851	25.15	ng		96
53) 2,4-Dinitrophenol	11.40	184	27982	66.90	ng	#	64
54) Dibenzofuran	11.57	168	175814	39.23	ng		99
55) 4-Nitrophenol	11.48	139	60624	79.96	ng	#	78
56) 2,4-Dinitrotoluene	11.56	165	48018	45.44	ng	#	95
57) Fluorene	12.00	166	152421	42.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	31115m	38.55	ng		
59) Diethylphthalate	11.86	149	160550	37.89	ng		97
60) 4-Chlorophenyl-phenylether	12.00	204	63707	40.88	ng		95
61) 4-Nitroaniline	12.01	138	36585	38.59	ng		96
62) Azobenzene	12.20	77	136699	36.67	ng		95
64) 4,6-Dinitro-2-methylphenol	12.06	198	19278	38.34	ng		91
65) n-Nitrosodiphenylamine	12.15	169	127979	40.70	ng		98
66) 4-Bromophenyl-phenylether	12.61	248	37560	40.16	ng	#	77
67) Hexachlorobenzene	12.68	284	44592	41.98	ng		92
68) Atrazine	12.81	200	37962	38.90	ng		94
69) Pentachlorophenol	12.93	266	43384	65.08	ng		97
70) Phenanthrene	13.19	178	217119	41.50	ng		99
71) Anthracene	13.26	178	237553	43.93	ng		99
72) Carbazole	13.47	167	214913	40.62	ng		98
73) Di-n-butylphthalate	13.90	149	271299	37.12	ng		99
74) Fluoranthene	14.68	202	236318	42.17	ng		92
76) Benzidine	14.85	184	62174	19.66	ng		96
77) Pyrene	14.96	202	248033	42.91	ng		99
79) Butylbenzylphthalate	15.76	149	124692	38.41	ng	#	79
80) Benzo(a)anthracene	16.45	228	225322	43.13	ng		100
81) 3,3'-Dichlorobenzidine	16.41	252	39638	20.55	ng	#	96
82) Chrysene	16.49	228	210770	46.65	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	179746	35.15	ng		100
84) Di-n-octyl phthalate	17.26	149	323842	35.97	ng		97
85) Indeno(1,2,3-cd)pyrene	19.74	276	242443m	44.23	ng		
87) Benzo(b)fluoranthene	17.72	252	242731	48.78	ng		98
88) Benzo(k)fluoranthene	17.75	252	191801m	42.95	ng		
89) Benzo(a)pyrene	18.12	252	210617	47.31	ng	#	94
90) Dibenzo(a,h)anthracene	19.76	278	215429	46.34	ng		99
91) Benzo(g,h,i)perylene	20.21	276	202698	45.76	ng		94

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

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