Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075590.D
Acq On : 16 Nov 2014 20:12
Operator : TP / JJ
Sample : PB80336BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:52 PM

Quant Time: Nov 17 07:08:12 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	37411	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	164351	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	85045	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	150505	20.00	ng		0.00
75) Chrysene-d12	16.46	240	179355	20.00	ng		-0.01
86) Perylene-d12	18.21	264	149727	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	153740	72.60	ng		0.00
7) Phenol-d6	7.10	99	189846	74.55	ng		-0.01
23) Nitrobenzene-d5	8.24	82	180674	80.60	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	51011	71.61	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	393531	83.62	ng		0.00
78) Terphenyl-d14	15.16	244	482667	72.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	27124	30.51	ng		99
3) Pyridine	3.28	79	76244m	31.92	ng		
4) n-Nitrosodimethylamine	3.19	42	39339	31.11	ng	#	91
6) Aniline	7.13	93	47770	12.99	ng		93
8) 2-Chlorophenol	7.28	128	88242	36.00	ng		87
9) Benzaldehyde	7.00	77	44439	25.94	ng		96
10) Phenol	7.12	94	118608	38.18	ng		90
11) bis(2-Chloroethyl)ether	7.24	93	93892	39.90	ng		86
12) 1,3-Dichlorobenzene	7.48	146	96989	36.31	ng		97
13) 1,4-Dichlorobenzene	7.58	146	98158	36.12	ng		91
14) 1,2-Dichlorobenzene	7.76	146	102467	40.22	ng		94
15) Benzyl Alcohol	7.73	79	76790	38.41	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.91	45	196097	40.26	ng		96
17) 2-Methylphenol	7.88	107	78624	38.75	ng		94
18) Hexachloroethane	8.18	117	37940	40.72	ng	#	72
19) n-Nitroso-di-n-propylamine	8.06	70	66112	38.10	ng		98
20) 3+4-Methylphenols	8.06	107	104519	39.34	ng	#	78
22) Acetophenone	8.06	105	122545	34.56	ng	#	93
24) Nitrobenzene	8.26	77	98502	37.92	ng		96
25) Isophorone	8.56	82	188707	36.87	ng		97
26) 2-Nitrophenol	8.66	139	51170	43.23	ng	#	74
27) 2,4-Dimethylphenol	8.72	122	84818	36.97	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	121734	39.03	ng		96
29) 2,4-Dichlorophenol	8.96	162	81858	40.73	ng		98
30) 1,2,4-Trichlorobenzene	9.06	180	82782	39.22	ng		98
31) Naphthalene	9.16	128	290519	39.65	ng		99
32) Benzoic acid	8.80	122	44657	32.22	ng		89
33) 4-Chloroaniline	9.22	127	54159	17.01	ng	#	94
34) Hexachlorobutadiene	9.32	225	41504	36.39	ng		98
35) Caprolactam	9.65	113	25105	37.69	ng	#	86
36) 4-Chloro-3-methylphenol	9.83	107	83896	38.04	ng		93
37) 2-Methylnaphthalene	10.02	142	198521	39.71	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	63334	36.23	ng		98
40) Hexachlorocyclopentadiene	10.21	237	79119	74.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	51074	36.74	ng		98
43) 2,4,5-Trichlorophenol	10.41	196	54886	37.91	ng	#	85
45) 1,1'-Biphenyl	10.61	154	197812	34.48	ng		95
46) 2-Chloronaphthalene	10.63	162	190957	42.57	ng	#	91
47) 2-Nitroaniline	10.76	65	57417	42.54	ng	#	48
48) Acenaphthylene	11.15	152	340229	46.00	ng		99
49) Dimethylphthalate	10.99	163	247818	42.63	ng		100
50) 2,6-Dinitrotoluene	11.07	165	48947	42.74	ng	#	56
51) Acenaphthene	11.36	154	190451	42.66	ng		99
52) 3-Nitroaniline	11.26	138	36953	27.37	ng		96
53) 2,4-Dinitrophenol	11.40	184	41700	69.12	ng	#	63
54) Dibenzofuran	11.57	168	277088	43.43	ng		97
55) 4-Nitrophenol	11.48	139	93725	86.84	ng	#	79
56) 2,4-Dinitrotoluene	11.56	165	70095	46.59	ng	#	86
57) Fluorene	12.00	166	212294	41.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.73	232	47738	41.54	ng	#	96
59) Diethylphthalate	11.87	149	239851	39.76	ng		98
60) 4-Chlorophenyl-phenylether	12.00	204	89701	40.43	ng		99
61) 4-Nitroaniline	12.03	138	54321	40.24	ng	#	75
62) Azobenzene	12.20	77	198652	37.43	ng		95
64) 4,6-Dinitro-2-methylphenol	12.06	198	27679	36.36	ng		87
65) n-Nitrosodiphenylamine	12.15	169	177238	37.23	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	57519	40.62	ng	#	79
67) Hexachlorobenzene	12.68	284	64885	40.35	ng		97
68) Atrazine	12.81	200	50579	34.24	ng		96
69) Pentachlorophenol	12.93	266	55837	55.33	ng		95
70) Phenanthrene	13.19	178	341969	43.17	ng		99
71) Anthracene	13.26	178	375550	45.87	ng		99
72) Carbazole	13.47	167	366148	45.71	ng		99
73) Di-n-butylphthalate	13.90	149	449495	40.62	ng		100
74) Fluoranthene	14.68	202	382517	45.09	ng		94
76) Benzidine	14.85	184	105591	18.51	ng		97
77) Pyrene	14.96	202	405210	38.86	ng		99
79) Butylbenzylphthalate	15.77	149	202158	34.52	ng		99
80) Benzo(a)anthracene	16.45	228	374015	39.69	ng		99
81) 3,3'-Dichlorobenzidine	16.43	252	63347	18.21	ng	#	93
82) Chrysene	16.49	228	349084	42.84	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	310287	33.64	ng	#	98
84) Di-n-octyl phthalate	17.27	149	553145	34.07	ng		96
85) Indeno(1,2,3-cd)pyrene	19.76	276	414032	41.88	ng	#	100
87) Benzo(b)fluoranthene	17.74	252	352759m	44.07	ng		
88) Benzo(k)fluoranthene	17.77	252	365486m	50.87	ng		
89) Benzo(a)pyrene	18.14	252	327841	45.77	ng	#	94
90) Dibenzo(a,h)anthracene	19.80	278	375387	50.18	ng		97
91) Benzo(g,h,i)perylene	20.23	276	351661	49.34	ng		97

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

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