Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
Data File : BF077005.D
Acq On : 21 Jan 2015 20:24
Operator : TP/IZ
Sample : PB81398BS
Misc : W
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81398BS

Quant Time: Jan 22 10:34:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 22 02:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	30986	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	127741	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	71276	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	119389	20.00	ng		0.00
75) Chrysene-d12	21.19	240	116644	20.00	ng		0.00
86) Perylene-d12	22.84	264	103939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	237794	126.18	ng		0.00
7) Phenol-d6	7.26	99	296487	124.71	ng		0.00
23) Nitrobenzene-d5	9.16	82	182180	79.01	ng		0.00
41) 2,4,6-Tribromophenol	16.59	330	73112	126.37	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	372880	79.61	ng		0.00
78) Terphenyl-d14	19.92	244	391329	77.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.22	88	25399	31.47	ng	#	92
3) Pyridine	1.69	79	77368	37.05	ng		91
4) n-Nitrosodimethylamine	1.65	42	42374	40.97	ng		93
6) Aniline	7.14	93	64130	19.49	ng		97
8) 2-Chlorophenol	7.38	128	82983	38.19	ng		98
9) Benzaldehyde	6.86	77	20514	13.15	ng		94
10) Phenol	7.28	94	96738	38.32	ng		89
11) bis(2-Chloroethyl)ether	7.40	93	78813	39.90	ng	#	80
12) 1,3-Dichlorobenzene	7.69	146	89629	36.26	ng		98
13) 1,4-Dichlorobenzene	7.89	146	91143	34.77	ng		96
14) 1,2-Dichlorobenzene	8.21	146	87918	36.40	ng		100
15) Benzyl Alcohol	8.29	79	70799	36.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	97733	36.81	ng		89
17) 2-Methylphenol	8.64	107	66525	37.47	ng		97
18) Hexachloroethane	8.95	117	32507	35.66	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	58934	35.41	ng		92
20) 3+4-Methylphenols	9.02	107	83807	35.65	ng		94
22) Acetophenone	8.85	105	122656	39.20	ng		98
24) Nitrobenzene	9.19	77	88262	37.58	ng		98
25) Isophorone	9.80	82	158680	37.79	ng		96
26) 2-Nitrophenol	9.93	139	43470	36.58	ng	#	88
27) 2,4-Dimethylphenol	10.22	122	74764	41.16	ng		96
28) bis(2-Chloroethoxy)methane	10.42	93	97612	40.90	ng		99
29) 2,4-Dichlorophenol	10.54	162	69009	40.76	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	73471	39.07	ng		99
31) Naphthalene	10.81	128	244003	37.10	ng		97
32) Benzoic acid	10.56	122	36881m	36.65	ng		
33) 4-Chloroaniline	11.05	127	54010	20.32	ng		96
34) Hexachlorobutadiene	11.18	225	40892	36.65	ng		92
35) Caprolactam	11.89	113	19782m	39.69	ng		
36) 4-Chloro-3-methylphenol	12.36	107	78332	40.41	ng		94
37) 2-Methylnaphthalene	12.46	142	172352	38.37	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	66651	37.82	ng		98
40) Hexachlorocyclopentadiene	12.86	237	72206	76.34	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	47116	36.70	ng		92
43) 2,4,5-Trichlorophenol	13.31	196	48401	36.96	ng		95
45) 1,1'-Biphenyl	13.61	154	204011	38.61	ng		97
46) 2-Chloronaphthalene	13.59	162	163642	37.63	ng		98
47) 2-Nitroaniline	13.93	65	52876	40.09	ng		88
48) Acenaphthylene	14.54	152	265949	36.26	ng		97
49) Dimethylphthalate	14.49	163	193705	38.32	ng		97
50) 2,6-Dinitrotoluene	14.59	165	42434	42.02	ng		99
51) Acenaphthene	14.96	154	151260	36.35	ng		97
52) 3-Nitroaniline	14.93	138	32773	25.73	ng		85
53) 2,4-Dinitrophenol	15.21	184	35574	75.79	ng		93
54) Dibenzofuran	15.40	168	234916	38.75	ng		98
55) 4-Nitrophenol	15.53	139	63678	80.37	ng		91
56) 2,4-Dinitrotoluene	15.52	165	58630	39.13	ng	#	88
57) Fluorene	16.13	166	193199	37.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.74	232	36299	38.07	ng		94
59) Diethylphthalate	16.13	149	196451	38.45	ng		99
60) 4-Chlorophenyl-phenylether	16.22	204	83522	39.75	ng		90
61) 4-Nitroaniline	16.27	138	42257	33.63	ng		99
62) Azobenzene	16.51	77	206037	38.71	ng		98
64) 4,6-Dinitro-2-methylphenol	16.35	198	27155	36.26	ng		97
65) n-Nitrosodiphenylamine	16.46	169	159707	37.52	ng		99
66) 4-Bromophenyl-phenylether	17.07	248	48179	39.83	ng		93
67) Hexachlorobenzene	17.09	284	49820	39.09	ng	#	88
68) Atrazine	17.44	200	57153	44.24	ng		95
69) Pentachlorophenol	17.44	266	45987	78.77	ng		97
70) Phenanthrene	17.73	178	277816	37.31	ng		98
71) Anthracene	17.81	178	284281	39.16	ng		99
72) Carbazole	18.09	167	273082	38.78	ng		99
73) Di-n-butylphthalate	18.68	149	329827	40.46	ng		97
74) Fluoranthene	19.37	202	296517	38.87	ng		97
76) Benzidine	19.61	184	125421	33.60	ng		99
77) Pyrene	19.66	202	313482	39.21	ng		99
79) Butylbenzylphthalate	20.59	149	149254	41.23	ng	#	85
80) Benzo(a)anthracene	21.18	228	276863	37.83	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	55190	23.73	ng		100
82) Chrysene	21.23	228	258690	38.76	ng		100
83) Bis(2-ethylhexyl)phthalate	21.33	149	203975	40.72	ng	#	99
84) Di-n-octyl phthalate	22.09	149	358160	41.20	ng		98
85) Indeno(1,2,3-cd)pyrene	23.92	276	266231	37.64	ng	#	84
87) Benzo(b)fluoranthene	22.43	252	256650	36.66	ng	#	98
88) Benzo(k)fluoranthene	22.46	252	253658m	41.47	ng		
89) Benzo(a)pyrene	22.77	252	250042	40.49	ng	#	96
90) Dibenzo(a,h)anthracene	23.96	278	217607	38.41	ng		98
91) Benzo(g,h,i)perylene	24.21	276	223517	39.68	ng	#	94

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

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