Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077832.D
Acq On : 19 Mar 2015 15:55
Operator : TP/IZ
Sample : PB82191BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82191BS

Quant Time: Mar 20 01:27:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	41104	20.00	ng		0.00
21) Naphthalene-d8	8.73	136	162724	20.00	ng		0.00
38) Acenaphthene-d10	10.90	164	81842	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	165935	20.00	ng		0.00
75) Chrysene-d12	16.04	240	182474	20.00	ng		0.01
86) Perylene-d12	17.84	264	178667	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	261794	111.17	ng		0.01
7) Phenol-d6	6.73	99	315938	108.59	ng		0.00
23) Nitrobenzene-d5	7.85	82	186806	75.25	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	81831	104.50	ng		0.00
44) 2-Fluorobiphenyl	10.08	172	398054	71.48	ng		0.00
78) Terphenyl-d14	14.74	244	511025	68.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	33007	30.87	ng	#	100
3) Pyridine	2.75	79	87615	30.50	ng		99
4) n-Nitrosodimethylamine	2.67	42	40221	32.16	ng		99
6) Aniline	6.74	93	77911	18.72	ng	#	50
8) 2-Chlorophenol	6.89	128	101428	36.19	ng		95
9) Benzaldehyde	6.60	77	6176	5.18	ng		89
10) Phenol	6.75	94	118827	34.55	ng	#	73
11) bis(2-Chloroethyl)ether	6.84	93	91570	35.55	ng		89
12) 1,3-Dichlorobenzene	7.07	146	104526m	33.53	ng		
13) 1,4-Dichlorobenzene	7.17	146	110261	34.04	ng		97
14) 1,2-Dichlorobenzene	7.36	146	103796	34.95	ng		96
15) Benzyl Alcohol	7.34	79	83072	36.58	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.52	45	118723	34.20	ng		97
17) 2-Methylphenol	7.49	107	82277	36.06	ng		97
18) Hexachloroethane	7.78	117	35994	33.88	ng	#	80
19) n-Nitroso-di-n-propylamine	7.68	70	69017	34.29	ng	#	96
20) 3+4-Methylphenols	7.69	107	108872	36.36	ng		95
22) Acetophenone	7.66	105	138258	38.38	ng	#	94
24) Nitrobenzene	7.87	77	101656	38.01	ng		93
25) Isophorone	8.17	82	178015	35.51	ng	#	91
26) 2-Nitrophenol	8.27	139	46037	35.16	ng		95
27) 2,4-Dimethylphenol	8.34	122	93324	39.12	ng		98
28) bis(2-Chloroethoxy)methane	8.45	93	116557	38.30	ng		99
29) 2,4-Dichlorophenol	8.57	162	86435	38.02	ng		97
30) 1,2,4-Trichlorobenzene	8.66	180	87988	34.59	ng		95
31) Naphthalene	8.76	128	285597	34.17	ng		99
32) Benzoic acid	8.45	122	52003	39.66	ng		90
33) 4-Chloroaniline	8.84	127	73421	21.65	ng		98
34) Hexachlorobutadiene	8.91	225	47896	33.22	ng		97
35) Caprolactam	9.26	113	26619	40.06	ng		95
36) 4-Chloro-3-methylphenol	9.45	107	85896	37.55	ng		85
37) 2-Methylnaphthalene	9.62	142	202233	36.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	86645	35.50	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	85856	70.64	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	62926	37.21	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	65410	35.81	ng	#	90
45) 1,1'-Biphenyl	10.20	154	238589	36.47	ng		98
46) 2-Chloronaphthalene	10.21	162	184227	34.65	ng	#	92
47) 2-Nitroaniline	10.35	65	52219	39.55	ng		92
48) Acenaphthylene	10.73	152	306459	34.66	ng		100
49) Dimethylphthalate	10.59	163	231873	38.20	ng		100
50) 2,6-Dinitrotoluene	10.66	165	48113	38.24	ng		98
51) Acenaphthene	10.95	154	179625	35.43	ng		99
52) 3-Nitroaniline	10.87	138	40834	27.94	ng		91
53) 2,4-Dinitrophenol	11.00	184	39576	85.05	ng	#	70
54) Dibenzofuran	11.16	168	274115	36.46	ng		98
55) 4-Nitrophenol	11.09	139	86248	79.68	ng		85
56) 2,4-Dinitrotoluene	11.16	165	64494	39.31	ng	#	67
57) Fluorene	11.59	166	223445	35.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	53350	37.93	ng	#	100
59) Diethylphthalate	11.47	149	220332	37.25	ng		100
60) 4-Chlorophenyl-phenylether	11.60	204	101060	35.47	ng		96
61) 4-Nitroaniline	11.62	138	56061	38.49	ng		84
62) Azobenzene	11.79	77	206830	36.59	ng		97
64) 4,6-Dinitro-2-methylphenol	11.65	198	26731	35.36	ng		87
65) n-Nitrosodiphenylamine	11.75	169	197628	35.77	ng		98
66) 4-Bromophenyl-phenylether	12.20	248	60460	34.14	ng		98
67) Hexachlorobenzene	12.26	284	66919	34.39	ng	#	92
68) Atrazine	12.42	200	63270	40.86	ng		97
69) Pentachlorophenol	12.51	266	72326	71.32	ng		99
70) Phenanthrene	12.77	178	335685	35.24	ng		99
71) Anthracene	12.83	178	334487	35.54	ng		99
72) Carbazole	13.05	167	342292	38.23	ng		98
73) Di-n-butylphthalate	13.49	149	365607	36.42	ng		100
74) Fluoranthene	14.25	202	377845	35.96	ng		99
76) Benzidine	14.43	184	170368	37.72	ng		100
77) Pyrene	14.52	202	388789	33.88	ng		99
79) Butylbenzylphthalate	15.36	149	161121	35.61	ng	#	83
80) Benzo(a)anthracene	16.03	228	379251	35.06	ng		100
81) 3,3'-Dichlorobenzidine	16.01	252	75909	21.27	ng		97
82) Chrysene	16.08	228	364251	37.45	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	232136	33.87	ng	#	96
84) Di-n-octyl phthalate	16.92	149	400202	34.15	ng		100
85) Indeno(1,2,3-cd)pyrene	19.25	276	408914	33.69	ng	#	100
87) Benzo(b)fluoranthene	17.38	252	366338	31.41	ng	#	97
88) Benzo(k)fluoranthene	17.41	252	378435	41.54	ng		99
89) Benzo(a)pyrene	17.78	252	366349	37.64	ng		99
90) Dibenzo(a,h)anthracene	19.29	278	338045	35.02	ng		97
91) Benzo(g,h,i)perylene	19.67	276	347642	35.38	ng		100

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

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