Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081647.D
Acq On : 16 Sep 2015 13:43
Operator : UM/IZ
Sample : PB85464BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85464BS

Quant Time: Sep 17 05:06:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45574	20.00	ng		-0.03
21) Naphthalene-d8	11.09	136	183656	20.00	ng		-0.03
38) Acenaphthene-d10	15.22	164	89483	20.00	ng		-0.03
63) Phenanthrene-d10	18.73	188	185899	20.00	ng		-0.02
75) Chrysene-d12	23.36	240	147316	20.00	ng		-0.02
86) Perylene-d12	24.79	264	99305	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	339611	115.62	ng		0.01
7) Phenol-d6	7.62	99	461113	118.59	ng		-0.02
23) Nitrobenzene-d5	9.50	82	306001	80.39	ng		-0.03
41) 2,4,6-Tribromophenol	17.13	330	103376	129.75	ng		-0.03
44) 2-Fluorobiphenyl	13.74	172	546356	78.24	ng		-0.03
78) Terphenyl-d14	22.09	244	580443	91.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.62	88	37450m	28.39	ng		
3) Pyridine	2.14	79	106400	29.25	ng	#	76
4) n-Nitrosodimethylamine	2.10	42	89769	44.42	ng	#	60
6) Aniline	7.49	93	151421	27.58	ng	#	84
8) 2-Chlorophenol	7.74	128	125649	38.82	ng	#	76
9) Benzaldehyde	7.21	77	65320	26.81	ng	#	73
10) Phenol	7.65	94	162534	36.05	ng	#	57
11) bis(2-Chloroethyl)ether	7.73	93	126965	39.03	ng	#	72
12) 1,3-Dichlorobenzene	8.05	146	125919	36.41	ng	#	90
13) 1,4-Dichlorobenzene	8.23	146	130386	37.03	ng	#	89
14) 1,2-Dichlorobenzene	8.55	146	124741	39.34	ng	#	91
15) Benzyl Alcohol	8.63	79	128153	40.18	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.95	45	277935	44.57	ng		91
17) 2-Methylphenol	8.97	107	105350	40.79	ng	#	78
18) Hexachloroethane	9.28	117	53610	39.13	ng	#	88
19) n-Nitroso-di-n-propylamine	9.26	70	105899	40.02	ng	#	91
20) 3+4-Methylphenols	9.35	107	136859	39.30	ng		85
22) Acetophenone	9.18	105	192158	38.31	ng	#	75
24) Nitrobenzene	9.53	77	157203	39.77	ng	#	64
25) Isophorone	10.13	82	277613	39.21	ng	#	84
26) 2-Nitrophenol	10.26	139	64211	37.27	ng	#	25
27) 2,4-Dimethylphenol	10.54	122	115708	38.88	ng	#	76
28) bis(2-Chloroethoxy)methane	10.73	93	162263	39.68	ng	#	93
29) 2,4-Dichlorophenol	10.88	162	102970	39.90	ng		93
30) 1,2,4-Trichlorobenzene	11.00	180	107944	38.50	ng		98
31) Naphthalene	11.14	128	377443	38.54	ng		98
32) Benzoic acid	11.04	122	61668	30.03	ng	#	51
33) 4-Chloroaniline	11.37	127	99147	24.82	ng	#	80
34) Hexachlorobutadiene	11.50	225	68970	40.43	ng		98
35) Caprolactam	12.30	113	32813m	41.46	ng		
36) 4-Chloro-3-methylphenol	12.70	107	129186	44.73	ng	#	73
37) 2-Methylnaphthalene	12.79	142	253214	39.73	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	108591	38.37	ng		97
40) Hexachlorocyclopentadiene	13.18	237	113062	81.41	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.54	196	74120	37.95	ng		98
43) 2,4,5-Trichlorophenol	13.66	196	77990	39.14	ng	#	88
45) 1,1'-Biphenyl	13.94	154	310305	37.69	ng		95
46) 2-Chloronaphthalene	13.92	162	231094	38.87	ng	#	89
47) 2-Nitroaniline	14.28	65	100819	41.61	ng	#	64
48) Acenaphthylene	14.88	152	399949	37.92	ng		98
49) Dimethylphthalate	14.81	163	287413	41.34	ng	#	97
50) 2,6-Dinitrotoluene	14.92	165	59388	37.64	ng	#	40
51) Acenaphthene	15.30	154	228517	38.09	ng		91
52) 3-Nitroaniline	15.27	138	48159	26.81	ng	#	48
53) 2,4-Dinitrophenol	15.57	184	63480	78.91	ng	#	27
54) Dibenzofuran	15.73	168	360136	41.11	ng	#	86
55) 4-Nitrophenol	15.90	139	85676	75.92	ng	#	19
56) 2,4-Dinitrotoluene	15.86	165	83254	41.44	ng	#	51
57) Fluorene	16.54	166	282015	42.42	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	66242	43.55	ng		91
59) Diethylphthalate	16.52	149	317043	43.35	ng		95
60) 4-Chlorophenyl-phenylether	16.63	204	137015	44.22	ng	#	83
61) 4-Nitroaniline	16.74	138	61060	33.64	ng	#	21
62) Azobenzene	17.00	77	355470	43.72	ng		82
64) 4,6-Dinitro-2-methylphenol	16.84	198	41532	39.94	ng		83
65) n-Nitrosodiphenylamine	16.95	169	248297	36.71	ng		92
66) 4-Bromophenyl-phenylether	17.77	248	77302	41.12	ng	#	91
67) Hexachlorobenzene	17.82	284	77215	39.29	ng	#	82
68) Atrazine	18.36	200	92237	47.12	ng	#	78
69) Pentachlorophenol	18.37	266	72012	75.78	ng		99
70) Phenanthrene	18.79	178	412854	39.95	ng		98
71) Anthracene	18.90	178	422862	39.83	ng		98
72) Carbazole	19.38	167	389902	39.13	ng		97
73) Di-n-butylphthalate	20.44	149	516761	43.92	ng	#	98
74) Fluoranthene	21.41	202	453901	40.57	ng		89
76) Benzidine	21.72	184	204423	32.32	ng		98
77) Pyrene	21.75	202	466792	42.78	ng		98
79) Butylbenzylphthalate	22.78	149	217976	45.93	ng	#	69
80) Benzo(a)anthracene	23.35	228	380585	40.57	ng		97
81) 3,3'-Dichlorobenzidine	23.36	252	89369	28.24	ng	#	94
82) Chrysene	23.40	228	352783	41.95	ng		97
83) Bis(2-ethylhexyl)phthalate	23.48	149	298139	47.60	ng	#	92
84) Di-n-octyl phthalate	24.13	149	442609	42.92	ng		94
85) Indeno(1,2,3-cd)pyrene	25.84	276	219650	35.60	ng	#	84
87) Benzo(b)fluoranthene	24.46	252	293673m	41.42	ng		
88) Benzo(k)fluoranthene	24.48	252	249303m	42.38	ng		
89) Benzo(a)pyrene	24.76	252	259999	43.28	ng	#	80
90) Dibenzo(a,h)anthracene	25.85	278	187034	40.29	ng	#	78
91) Benzo(g,h,i)perylene	26.14	276	181421	40.95	ng	#	74

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

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