Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080475.D
Acq On : 15 Jul 2015 5:28
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF071415

Quant Time: Jul 15 07:17:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 03:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	18303	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	70847	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	34519	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	75010	20.00	ng		0.00
75) Chrysene-d12	14.53	240	76675	20.00	ng		0.06
86) Perylene-d12	16.29	264	88159	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	84130	75.13	ng		0.00
7) Phenol-d6	6.76	99	108460	79.15	ng		-0.01
23) Nitrobenzene-d5	7.69	82	106962	82.65	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	27120	83.12	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	194835	77.33	ng		0.00
78) Terphenyl-d14	13.30	244	234154	73.61	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	15188	33.67	ng		97
3) Pyridine	3.81	79	42205	39.70	ng		94
4) n-Nitrosodimethylamine	3.65	42	22883	38.24	ng		98
6) Aniline	6.80	93	78046	39.23	ng		99
8) 2-Chlorophenol	6.92	128	44799	38.13	ng		94
9) Benzaldehyde	6.68	77	32331	38.63	ng		99
10) Phenol	6.78	94	60259	38.14	ng		97
11) bis(2-Chloroethyl)ether	6.85	93	43805	36.48	ng		99
12) 1,3-Dichlorobenzene	7.07	146	52157	38.07	ng		99
13) 1,4-Dichlorobenzene	7.14	146	57607	38.68	ng		97
14) 1,2-Dichlorobenzene	7.30	146	56127	38.98	ng		99
15) Benzyl Alcohol	7.28	79	37258	37.99	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	75439	38.75	ng		86
17) 2-Methylphenol	7.39	107	35627	37.47	ng		92
18) Hexachloroethane	7.64	117	18694	38.10	ng		93
19) n-Nitroso-di-n-propylamine	7.53	70	33951	36.58	ng		98
20) 3+4-Methylphenols	7.54	107	53266	39.53	ng		93
22) Acetophenone	7.53	105	67223	40.44	ng	#	94
24) Nitrobenzene	7.71	77	56799	39.81	ng		99
25) Isophorone	7.94	82	99783	41.75	ng		98
26) 2-Nitrophenol	8.03	139	24634	39.80	ng		96
27) 2,4-Dimethylphenol	8.06	122	45503	40.09	ng		99
28) bis(2-Chloroethoxy)methane	8.14	93	53102	39.51	ng		99
29) 2,4-Dichlorophenol	8.27	162	40120	40.54	ng		93
30) 1,2,4-Trichlorobenzene	8.35	180	47432	38.52	ng		99
31) Naphthalene	8.43	128	145706	39.76	ng		100
32) Benzoic acid	8.16	122	20453	40.20	ng		98
33) 4-Chloroaniline	8.49	127	60028	41.15	ng		99
34) Hexachlorobutadiene	8.54	225	24139	38.70	ng		99
35) Caprolactam	8.83	113	10477	41.03	ng	#	57
36) 4-Chloro-3-methylphenol	8.97	107	39342	40.61	ng	#	75
37) 2-Methylnaphthalene	9.13	142	98009	39.26	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	43436	37.93	ng		99
40) Hexachlorocyclopentadiene	9.28	237	20010	41.54	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	26240	36.85	ng		97
43) 2,4,5-Trichlorophenol	9.46	196	27190	37.90	ng		97
45) 1,1'-Biphenyl	9.58	154	117839	39.66	ng		98
46) 2-Chloronaphthalene	9.62	162	90948	37.27	ng		97
47) 2-Nitroaniline	9.72	65	26657	37.87	ng		91
48) Acenaphthylene	10.03	152	146818	39.78	ng		99
49) Dimethylphthalate	9.88	163	110153	40.32	ng		99
50) 2,6-Dinitrotoluene	9.95	165	23888	40.62	ng	#	84
51) Acenaphthene	10.20	154	87575	39.01	ng		98
52) 3-Nitroaniline	10.13	138	25355	40.06	ng		93
53) 2,4-Dinitrophenol	10.24	184	7815	39.68	ng		95
54) Dibenzofuran	10.37	168	123070	38.87	ng		99
55) 4-Nitrophenol	10.30	139	16413	37.96	ng		94
56) 2,4-Dinitrotoluene	10.35	165	26746	40.14	ng	#	21
57) Fluorene	10.72	166	99343	39.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.50	232	23838	41.03	ng		97
59) Diethylphthalate	10.58	149	106701	39.46	ng		100
60) 4-Chlorophenyl-phenylether	10.70	204	48681	40.78	ng		95
61) 4-Nitroaniline	10.75	138	23047	40.12	ng		96
62) Azobenzene	10.86	77	105458	40.81	ng		99
64) 4,6-Dinitro-2-methylphenol	10.76	198	14197	38.18	ng		86
65) n-Nitrosodiphenylamine	10.83	169	84704	34.77	ng		99
66) 4-Bromophenyl-phenylether	11.20	248	27141	36.29	ng		92
67) Hexachlorobenzene	11.28	284	29226	35.91	ng		96
68) Atrazine	11.34	200	27549	38.81	ng		99
69) Pentachlorophenol	11.47	266	13664	36.44	ng		97
70) Phenanthrene	11.69	178	155705	35.72	ng		99
71) Anthracene	11.74	178	144840	35.34	ng		99
72) Carbazole	11.91	167	136542	36.77	ng		100
73) Di-n-butylphthalate	12.21	149	154771	39.28	ng	#	97
74) Fluoranthene	12.91	202	158250	36.81	ng		93
76) Benzidine	13.05	184	87571	38.54	ng		99
77) Pyrene	13.16	202	170019	37.66	ng		100
79) Butylbenzylphthalate	13.84	149	59491	36.08	ng		98
80) Benzo(a)anthracene	14.52	228	173654	38.86	ng		99
81) 3,3'-Dichlorobenzidine	14.48	252	55301	39.16	ng		96
82) Chrysene	14.57	228	162687	38.08	ng		100
83) Bis(2-ethylhexyl)phthalate	14.49	149	91003	37.99	ng		99
84) Di-n-octyl phthalate	15.25	149	159837	37.15	ng		100
85) Indeno(1,2,3-cd)pyrene	17.94	276	257016	38.42	ng		99
87) Benzo(b)fluoranthene	15.80	252	202109	40.13	ng		98
88) Benzo(k)fluoranthene	15.84	252	172782	35.51	ng		99
89) Benzo(a)pyrene	16.23	252	186595	37.62	ng	#	96
90) Dibenzo(a,h)anthracene	17.95	278	209528	37.24	ng		98
91) Benzo(g,h,i)perylene	18.43	276	210494	35.75	ng		97

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

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