Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085970.D
Acq On : 1 Apr 2016 19:18
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF040216

Manual Integrations APPROVED
Sohil
4/4/2016 7:33:17 PM

Quant Time: Apr 01 19:46:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 19:44:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104153	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	416680	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	197486	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	361803	20.00	ng		0.00
75) Chrysene-d12	13.93	240	294879	20.00	ng		0.00
86) Perylene-d12	15.33	264	246707	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	507271	83.25	ng		0.00
7) Phenol-d6	6.42	99	651104	84.13	ng		0.00
23) Nitrobenzene-d5	7.34	82	553983	78.40	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	153390	82.75	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1007133	84.79	ng		0.00
78) Terphenyl-d14	12.88	244	989589	78.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	112408	38.91	ng		99
3) Pyridine	3.00	79	303383	46.91	ng		99
4) n-Nitrosodimethylamine	2.96	42	118761	41.76	ng		100
6) Aniline	6.44	93	419165	41.28	ng		98
8) 2-Chlorophenol	6.56	128	292021	40.18	ng		94
9) Benzaldehyde	6.33	77	167490	40.22	ng		92
10) Phenol	6.43	94	387745	43.92	ng		86
11) bis(2-Chloroethyl)ether	6.51	93	255814	36.59	ng		94
12) 1,3-Dichlorobenzene	6.72	146	313464	40.70	ng		97
13) 1,4-Dichlorobenzene	6.80	146	315957	39.82	ng		94
14) 1,2-Dichlorobenzene	6.94	146	305563	41.84	ng		99
15) Benzyl Alcohol	6.92	79	198169	39.58	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	343514	40.22	ng		94
17) 2-Methylphenol	7.04	107	226686	39.57	ng		97
18) Hexachloroethane	7.29	117	117284	40.19	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	179300	37.38	ng		96
20) 3+4-Methylphenols	7.20	107	275268	39.50	ng		96
22) Acetophenone	7.20	105	399875	40.82	ng	#	94
24) Nitrobenzene	7.37	77	324475	41.98	ng	#	87
25) Isophorone	7.61	82	559460	40.11	ng	#	93
26) 2-Nitrophenol	7.68	139	148376	40.12	ng	#	76
27) 2,4-Dimethylphenol	7.72	122	255753	38.50	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	309894	37.87	ng		98
29) 2,4-Dichlorophenol	7.93	162	223799	39.85	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	250569	39.75	ng		95
31) Naphthalene	8.09	128	825318	39.38	ng		98
32) Benzoic acid	7.87	122	207256	42.53	ng		93
33) 4-Chloroaniline	8.13	127	329800	38.95	ng	#	91
34) Hexachlorobutadiene	8.20	225	135822	40.08	ng		99
35) Caprolactam	8.52	113	81519	45.76	ng	#	73
36) 4-Chloro-3-methylphenol	8.62	107	260505	41.27	ng		98
37) 2-Methylnaphthalene	8.77	142	526661	38.47	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	234849	39.57	ng		99
40) Hexachlorocyclopentadiene	8.92	237	71081	40.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	152324	39.96	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	157116	40.60	ng		99
45) 1,1'-Biphenyl	9.24	154	685679	40.27	ng		94
46) 2-Chloronaphthalene	9.26	162	525783	42.60	ng		98
47) 2-Nitroaniline	9.37	65	153615	42.53	ng	#	81
48) Acenaphthylene	9.68	152	833638	42.16	ng		100
49) Dimethylphthalate	9.54	163	569497	38.91	ng		99
50) 2,6-Dinitrotoluene	9.61	165	134176	43.33	ng		87
51) Acenaphthene	9.85	154	479285	40.76	ng		99
52) 3-Nitroaniline	9.78	138	162430	43.52	ng		91
53) 2,4-Dinitrophenol	9.89	184	63112	40.74	ng	#	71
54) Dibenzofuran	10.02	168	633256	40.77	ng		99
55) 4-Nitrophenol	9.95	139	89590	40.72	ng		90
56) 2,4-Dinitrotoluene	10.01	165	154900	39.58	ng	#	29
57) Fluorene	10.36	166	545658	41.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	113566	39.41	ng		98
59) Diethylphthalate	10.24	149	552668	37.41	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	243172	39.35	ng		99
61) 4-Nitroaniline	10.40	138	152315	41.44	ng		93
62) Azobenzene	10.51	77	570107	40.29	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	91096	41.55	ng		89
65) n-Nitrosodiphenylamine	10.48	169	483558	42.74	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	158902	43.02	ng		97
67) Hexachlorobenzene	10.91	284	167396	43.82	ng		98
68) Atrazine	11.00	200	142777	39.05	ng		97
69) Pentachlorophenol	11.10	266	77015	43.02	ng		98
70) Phenanthrene	11.32	178	827404	41.92	ng		100
71) Anthracene	11.37	178	779574	37.70	ng		99
72) Carbazole	11.53	167	697697	39.26	ng		99
73) Di-n-butylphthalate	11.86	149	945380	42.93	ng		100
74) Fluoranthene	12.50	202	811608	39.53	ng		100
76) Benzidine	12.62	184	443254	42.61	ng		97
77) Pyrene	12.73	202	801761	38.58	ng		99
79) Butylbenzylphthalate	13.34	149	389935	41.67	ng	#	68
80) Benzo(a)anthracene	13.92	228	689396	39.66	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	497422	39.18	ng		98
82) Chrysene	13.96	228	686054	40.97	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	503559	40.55	ng		100
84) Di-n-octyl phthalate	14.52	149	867223	43.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	523904	38.57	ng		99
87) Benzo(b)fluoranthene	14.93	252	751944m	48.45	ng		
88) Benzo(k)fluoranthene	14.97	252	450317m	32.77	ng		
89) Benzo(a)pyrene	15.28	252	557977	40.58	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	434777	39.30	ng		97
91) Benzo(g,h,i)perylene	17.09	276	418883	39.12	ng		100

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

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