Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089733.D
Acq On : 16 Aug 2016 19:02
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081616

Manual Integrations APPROVED
umangi
8/17/2016 5:58:24 AM

Quant Time: Aug 16 19:47:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	645316	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2618106	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1260688	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2371806	20.00	ng		0.00
75) Chrysene-d12	13.89	240	1972855	20.00	ng		-0.01
86) Perylene-d12	15.36	264	1745745	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	3206323	82.90	ng		-0.01
7) Phenol-d6	6.33	99	4036200	82.05	ng		0.00
23) Nitrobenzene-d5	7.27	82	3461724	80.74	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	955973	78.38	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	5598542	71.26	ng		0.00
78) Terphenyl-d14	12.81	244	5087699	77.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	773200	38.73	ng		96
3) Pyridine	2.84	79	2059005	40.02	ng		99
4) n-Nitrosodimethylamine	2.81	42	808875	39.17	ng	#	90
6) Aniline	6.36	93	2680782	40.54	ng		99
8) 2-Chlorophenol	6.48	128	1749772	38.04	ng		97
9) Benzaldehyde	6.24	77	1247529	38.26	ng		94
10) Phenol	6.35	94	2521190	41.17	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	1960241	43.21	ng		98
12) 1,3-Dichlorobenzene	6.64	146	1902184	38.68	ng		98
13) 1,4-Dichlorobenzene	6.72	146	2032232	40.80	ng		98
14) 1,2-Dichlorobenzene	6.88	146	1811681	38.14	ng		97
15) Benzyl Alcohol	6.84	79	1258482	38.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2328127	39.11	ng		94
17) 2-Methylphenol	6.96	107	1497070	40.96	ng		98
18) Hexachloroethane	7.22	117	762385	41.76	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	1256444	39.00	ng		95
20) 3+4-Methylphenols	7.12	107	1679115	35.87	ng		92
22) Acetophenone	7.12	105	2368334	38.92	ng		92
24) Nitrobenzene	7.29	77	2130954	44.18	ng		94
25) Isophorone	7.53	82	3431471	40.00	ng		99
26) 2-Nitrophenol	7.61	139	1000715	44.10	ng		96
27) 2,4-Dimethylphenol	7.66	122	1900991	44.19	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	1955463	37.51	ng		98
29) 2,4-Dichlorophenol	7.85	162	1534965	42.86	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	1537788	40.00	ng		99
31) Naphthalene	8.01	128	4620299	39.32	ng		95
32) Benzoic acid	7.78	122	1478633	44.21	ng		100
33) 4-Chloroaniline	8.06	127	2095709	38.54	ng	#	86
34) Hexachlorobutadiene	8.14	225	815643	40.38	ng		99
35) Caprolactam	8.44	113	449494	40.72	ng	#	84
36) 4-Chloro-3-methylphenol	8.55	107	1674885	42.96	ng		95
37) 2-Methylnaphthalene	8.71	142	3333155	41.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1464154	36.13	ng		99
40) Hexachlorocyclopentadiene	8.87	237	763267	42.26	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1101022	42.05	ng		100
43) 2,4,5-Trichlorophenol	9.02	196	910791	36.49	ng		96
45) 1,1'-Biphenyl	9.16	154	3877042	37.13	ng		98
46) 2-Chloronaphthalene	9.19	162	2976754	38.05	ng		98
47) 2-Nitroaniline	9.28	65	928075	38.93	ng		95
48) Acenaphthylene	9.60	152	4526775	37.58	ng		96
49) Dimethylphthalate	9.47	163	3646227	39.97	ng		98
50) 2,6-Dinitrotoluene	9.53	165	785083	38.03	ng		86
51) Acenaphthene	9.77	154	3187376	39.22	ng		99
52) 3-Nitroaniline	9.69	138	988437	41.18	ng		95
53) 2,4-Dinitrophenol	9.79	184	380617	42.14	ng	#	85
54) Dibenzofuran	9.94	168	3761181	37.60	ng		100
55) 4-Nitrophenol	9.85	139	808975	43.81	ng		85
56) 2,4-Dinitrotoluene	9.93	165	1211533	45.65	ng	#	76
57) Fluorene	10.28	166	2849603	35.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	780262	40.02	ng		98
59) Diethylphthalate	10.18	149	3870948	41.85	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1375085	34.66	ng		95
61) 4-Nitroaniline	10.31	138	955527	41.00	ng		94
62) Azobenzene	10.44	77	3771331	43.15	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	519262	37.70	ng	#	73
65) n-Nitrosodiphenylamine	10.40	169	2879447	38.69	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	1013731	41.27	ng	#	94
67) Hexachlorobenzene	10.83	284	1163118	42.60	ng	#	93
68) Atrazine	10.94	200	899283	39.89	ng		96
69) Pentachlorophenol	11.02	266	680271	39.99	ng		98
70) Phenanthrene	11.24	178	5066176	43.46	ng		94
71) Anthracene	11.29	178	4402987	36.15	ng		96
72) Carbazole	11.45	167	4881707	42.30	ng		96
73) Di-n-butylphthalate	11.79	149	5255288	37.44	ng		96
74) Fluoranthene	12.42	202	4464097	38.11	ng		91
76) Benzidine	12.55	184	2588144	36.55	ng		95
77) Pyrene	12.65	202	4853627	37.59	ng		93
79) Butylbenzylphthalate	13.30	149	2690449	41.54	ng		96
80) Benzo(a)anthracene	13.87	228	4258558	37.15	ng		96
81) 3,3'-Dichlorobenzidine	13.84	252	1594070	38.17	ng		97
82) Chrysene	13.91	228	3680875	35.68	ng		97
83) Bis(2-ethylhexyl)phthalate	13.90	149	3352661	39.11	ng		97
84) Di-n-octyl phthalate	14.57	149	5289110	39.70	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	3561733	40.53	ng		99
87) Benzo(b)fluoranthene	14.97	252	3747554	33.88	ng		98
88) Benzo(k)fluoranthene	15.01	252	3927822m	43.14	ng		
89) Benzo(a)pyrene	15.30	252	3509340	38.43	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	2902955	40.37	ng		98
91) Benzo(g,h,i)perylene	17.05	276	2910274	39.77	ng		98

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

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