Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
Data File : BF091011.D
Acq On : 3 Nov 2016 21:35
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110316

Manual Integrations APPROVED
Sohil
11/4/2016 12:12:37 PM

Quant Time: Nov 04 11:14:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180356	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	792261	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	395685	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	638459	20.00	ng		0.00
75) Chrysene-d12	13.86	240	563056	20.00	ng		0.00
86) Perylene-d12	15.24	264	439732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	868428	79.52	ng		0.00
7) Phenol-d6	6.35	99	1176318	79.36	ng		0.00
23) Nitrobenzene-d5	7.28	82	1059273	72.94	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	275464	77.00	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1821573	79.26	ng		0.00
78) Terphenyl-d14	12.81	244	1770976	78.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	238658	38.20	ng		97
3) Pyridine	2.88	79	599455	41.02	ng		98
4) n-Nitrosodimethylamine	2.84	42	230842	39.93	ng		90
6) Aniline	6.37	93	711418	40.69	ng		98
8) 2-Chlorophenol	6.49	128	509804	39.14	ng		97
9) Benzaldehyde	6.25	77	324996	39.50	ng		99
10) Phenol	6.36	94	615451	37.52	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	539492	39.03	ng		98
12) 1,3-Dichlorobenzene	6.65	146	537204	40.78	ng		99
13) 1,4-Dichlorobenzene	6.73	146	541959	38.34	ng		99
14) 1,2-Dichlorobenzene	6.88	146	536631	41.37	ng		100
15) Benzyl Alcohol	6.85	79	410150	39.23	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	711617	35.95	ng		100
17) 2-Methylphenol	6.98	107	427658	41.47	ng		99
18) Hexachloroethane	7.22	117	223824	40.91	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	394638	38.42	ng		100
20) 3+4-Methylphenols	7.14	107	533419	43.08	ng		99
22) Acetophenone	7.13	105	726148	39.81	ng		99
24) Nitrobenzene	7.30	77	659402	41.11	ng		97
25) Isophorone	7.54	82	1032456	36.89	ng		100
26) 2-Nitrophenol	7.62	139	262570	38.68	ng	#	66
27) 2,4-Dimethylphenol	7.66	122	454596	40.50	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	639702	41.84	ng		100
29) 2,4-Dichlorophenol	7.86	162	405470	41.39	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	447261	40.60	ng		99
31) Naphthalene	8.02	128	1529306	40.36	ng		100
32) Benzoic acid	7.81	122	321628	37.92	ng		98
33) 4-Chloroaniline	8.08	127	623840	39.59	ng		99
34) Hexachlorobutadiene	8.13	225	228390	38.41	ng		98
35) Caprolactam	8.45	113	116962	38.00	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	475531	40.09	ng		100
37) 2-Methylnaphthalene	8.70	142	890365	36.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	446073	44.22	ng		99
40) Hexachlorocyclopentadiene	8.86	237	134449	38.28	ng		99

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Quant Time: Nov 04 11:14:01 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	278267	42.73	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	289999	42.41	ng		96
45) 1,1'-Biphenyl	9.17	154	1187913	41.11	ng		99
46) 2-Chloronaphthalene	9.20	162	909116	41.44	ng		100
47) 2-Nitroaniline	9.30	65	350277	43.03	ng		98
48) Acenaphthylene	9.61	152	1367153	39.99	ng		100
49) Dimethylphthalate	9.48	163	1017242	39.21	ng		99
50) 2,6-Dinitrotoluene	9.54	165	208161	37.44	ng		95
51) Acenaphthene	9.78	154	795175	37.05	ng		99
52) 3-Nitroaniline	9.71	138	257935	39.12	ng		99
53) 2,4-Dinitrophenol	9.82	184	103140	37.65	ng		96
54) Dibenzofuran	9.95	168	1110717	38.45	ng		99
55) 4-Nitrophenol	9.88	139	156985	38.92	ng		95
56) 2,4-Dinitrotoluene	9.95	165	317404	44.86	ng		99
57) Fluorene	10.29	166	949187	40.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	247082	46.13	ng		96
59) Diethylphthalate	10.18	149	1101461	41.41	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	441943	41.12	ng		97
61) 4-Nitroaniline	10.33	138	281757	42.24	ng		99
62) Azobenzene	10.44	77	1174326	37.50	ng		82
64) 4,6-Dinitro-2-methylphenol	10.36	198	156857	40.12	ng		99
65) n-Nitrosodiphenylamine	10.41	169	761678	37.53	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	253562	38.18	ng		94
67) Hexachlorobenzene	10.84	284	317569	43.36	ng		96
68) Atrazine	10.94	200	259176	44.27	ng		98
69) Pentachlorophenol	11.04	266	135288	41.70	ng		99
70) Phenanthrene	11.25	178	1428634	42.09	ng		100
71) Anthracene	11.30	178	1286957	35.67	ng		99
72) Carbazole	11.46	167	1198027	36.84	ng		99
73) Di-n-butylphthalate	11.80	149	1624414	39.72	ng		99
74) Fluoranthene	12.43	202	1327656	37.72	ng		98
76) Benzidine	12.56	184	464370	36.92	ng		96
77) Pyrene	12.66	202	1318914	35.77	ng		100
79) Butylbenzylphthalate	13.29	149	672070	38.10	ng		97
80) Benzo(a)anthracene	13.85	228	1240432	38.80	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	412591	36.74	ng	#	96
82) Chrysene	13.89	228	1292978	41.02	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	894796	37.49	ng		100
84) Di-n-octyl phthalate	14.47	149	1584724	40.38	ng		97
85) Indeno(1,2,3-cd)pyrene	16.57	276	1016641	38.87	ng		99
87) Benzo(b)fluoranthene	14.87	252	1264446m	42.40	ng		
88) Benzo(k)fluoranthene	14.89	252	956406m	36.56	ng		
89) Benzo(a)pyrene	15.20	252	1063273	40.95	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	896530	39.94	ng		97
91) Benzo(g,h,i)perylene	16.96	276	800554	39.44	ng		100

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

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