Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090136.D
Acq On : 20 Sep 2016 15:26
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092016

Manual Integrations APPROVED
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9/21/2016 4:16:41 PM

Quant Time: Sep 20 18:04:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	158522m	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	620239m	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	343353	20.00	ng		0.00
63) Phenanthrene-d10	11.02	188	539092	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	421771	20.00	ng		0.00
86) Perylene-d12	14.96	264	385332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	828991	85.24	ng		0.00
7) Phenol-d6	6.17	99	1040018	86.59	ng		0.00
23) Nitrobenzene-d5	7.10	82	893843	83.54	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	250752	85.13	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1376554	78.71	ng		0.00
78) Terphenyl-d14	12.60	244	1194359	71.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	210717	39.93	ng		96
3) Pyridine	2.52	79	505097	44.14	ng		98
4) n-Nitrosodimethylamine	2.48	42	145438	42.59	ng		90
6) Aniline	6.18	93	664059m	44.36	ng		
8) 2-Chlorophenol	6.31	128	472887	42.26	ng		82
9) Benzaldehyde	6.06	77	225318	43.05	ng		99
10) Phenol	6.19	94	584617m	41.17	ng		
11) bis(2-Chloroethyl)ether	6.27	93	477839	43.16	ng		88
12) 1,3-Dichlorobenzene	6.46	146	469439m	40.16	ng		
13) 1,4-Dichlorobenzene	6.54	146	488842m	40.96	ng		
14) 1,2-Dichlorobenzene	6.70	146	436194	41.02	ng		98
15) Benzyl Alcohol	6.68	79	302487	42.23	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.82	45	526106	39.76	ng		96
17) 2-Methylphenol	6.80	107	342733	38.88	ng		99
18) Hexachloroethane	7.03	117	169985	39.93	ng		96
19) n-Nitroso-di-n-propylamine	6.96	70	280595	39.77	ng		100
20) 3+4-Methylphenols	6.96	107	446392	42.18	ng		94
22) Acetophenone	6.95	105	642732	42.97	ng	#	98
24) Nitrobenzene	7.12	77	491734	44.11	ng	#	79
25) Isophorone	7.36	82	903710	40.43	ng		99
26) 2-Nitrophenol	7.43	139	231381	42.15	ng		95
27) 2,4-Dimethylphenol	7.48	122	398401	40.85	ng		98
28) bis(2-Chloroethoxy)methane	7.59	93	577866	42.74	ng		99
29) 2,4-Dichlorophenol	7.68	162	375624	43.91	ng		94
30) 1,2,4-Trichlorobenzene	7.76	180	377741	44.20	ng		97
31) Naphthalene	7.83	128	1249662	42.31	ng		100
32) Benzoic acid	7.64	122	286809m	42.84	ng		
33) 4-Chloroaniline	7.90	127	537378	43.87	ng	#	91
34) Hexachlorobutadiene	7.96	225	187026	41.49	ng		97
35) Caprolactam	8.27	113	114303	40.37	ng		97
36) 4-Chloro-3-methylphenol	8.39	107	428530	44.32	ng		96
37) 2-Methylnaphthalene	8.52	142	811449	44.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	315471	40.03	ng		97
40) Hexachlorocyclopentadiene	8.68	237	170406	43.82	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	237436	42.28	ng		99
43) 2,4,5-Trichlorophenol	8.84	196	253034m	43.51	ng		
45) 1,1'-Biphenyl	8.99	154	1074015	43.72	ng		96
46) 2-Chloronaphthalene	9.00	162	700612	38.66	ng		98
47) 2-Nitroaniline	9.11	65	232227	42.50	ng		84
48) Acenaphthylene	9.42	152	1190910	40.46	ng		100
49) Dimethylphthalate	9.30	163	845055	38.64	ng		99
50) 2,6-Dinitrotoluene	9.36	165	220920	45.32	ng	#	77
51) Acenaphthene	9.59	154	726891	41.61	ng		99
52) 3-Nitroaniline	9.52	138	231415	40.49	ng		92
53) 2,4-Dinitrophenol	9.62	184	104887	40.11	ng	#	67
54) Dibenzofuran	9.76	168	914946	39.80	ng		96
55) 4-Nitrophenol	9.70	139	168294	42.99	ng		93
56) 2,4-Dinitrotoluene	9.76	165	244473	42.42	ng	#	82
57) Fluorene	10.10	166	754725	43.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	186963	42.94	ng		97
59) Diethylphthalate	10.00	149	894006	42.33	ng		97
60) 4-Chlorophenyl-phenylether	10.10	204	314380	39.79	ng		87
61) 4-Nitroaniline	10.14	138	259482	44.55	ng		99
62) Azobenzene	10.26	77	912857	41.52	ng		86
64) 4,6-Dinitro-2-methylphenol	10.16	198	142229	42.12	ng	#	70
65) n-Nitrosodiphenylamine	10.22	169	698734	39.42	ng		98
66) 4-Bromophenyl-phenylether	10.58	248	207962	39.20	ng	#	87
67) Hexachlorobenzene	10.64	284	232017	37.53	ng	#	88
68) Atrazine	10.75	200	181693	37.40	ng		97
69) Pentachlorophenol	10.83	266	148118	42.21	ng		98
70) Phenanthrene	11.05	178	1082193	42.92	ng		99
71) Anthracene	11.10	178	1055781	39.93	ng		99
72) Carbazole	11.26	167	1116201	39.93	ng		98
73) Di-n-butylphthalate	11.61	149	1368114	42.09	ng		99
74) Fluoranthene	12.22	202	1040299	38.44	ng		97
76) Benzidine	12.35	184	563688	39.93	ng		100
77) Pyrene	12.44	202	1087469	37.68	ng		99
79) Butylbenzylphthalate	13.09	149	543227	38.48	ng	#	80
80) Benzo(a)anthracene	13.62	228	916574	40.39	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	372305	39.78	ng	#	97
82) Chrysene	13.67	228	826017	37.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	728955	40.35	ng	#	98
84) Di-n-octyl phthalate	14.26	149	1386419	44.55	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	700781	39.21	ng		98
87) Benzo(b)fluoranthene	14.62	252	947695m	44.41	ng		
88) Benzo(k)fluoranthene	14.64	252	725137m	36.21	ng		
89) Benzo(a)pyrene	14.91	252	802558	39.99	ng		99
90) Dibenzo(a,h)anthracene	16.15	278	591733	37.78	ng		96
91) Benzo(g,h,i)perylene	16.47	276	557300	36.35	ng		98

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

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