Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090138.D
Acq On : 20 Sep 2016 17:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
9/21/2016 4:16:43 PM

Quant Time: Sep 21 01:50:35 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	176505	20.00	ng		0.00
21) Naphthalene-d8	7.82	136	690444	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	369788	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	573159	20.00	ng		0.00
75) Chrysene-d12	13.63	240	446587	20.00	ng		0.00
86) Perylene-d12	14.96	264	388231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	808349	74.65	ng		0.00
7) Phenol-d6	6.17	99	1051823	78.65	ng		0.00
23) Nitrobenzene-d5	7.10	82	892417	74.93	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	244893	77.19	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1355416	71.96	ng		0.00
78) Terphenyl-d14	12.61	244	1189403	67.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	209623	35.68	ng		97
3) Pyridine	2.52	79	485961	38.14	ng		99
4) n-Nitrosodimethylamine	2.48	42	142161	37.39	ng		94
6) Aniline	6.18	93	646746	38.80	ng	#	85
8) 2-Chlorophenol	6.31	128	474996	38.12	ng	#	82
9) Benzaldehyde	6.06	77	224610	38.54	ng		99
10) Phenol	6.19	94	586686	37.11	ng	#	66
11) bis(2-Chloroethyl)ether	6.27	93	478392	38.80	ng		89
12) 1,3-Dichlorobenzene	6.46	146	480236	36.89	ng		99
13) 1,4-Dichlorobenzene	6.54	146	486308	36.59	ng		98
14) 1,2-Dichlorobenzene	6.70	146	431021	36.41	ng		97
15) Benzyl Alcohol	6.68	79	300403	37.67	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.82	45	572487	38.86	ng		96
17) 2-Methylphenol	6.80	107	372473	37.95	ng		99
18) Hexachloroethane	7.04	117	181033	38.19	ng	#	79
19) n-Nitroso-di-n-propylamine	6.96	70	305162	38.85	ng		99
20) 3+4-Methylphenols	6.96	107	459420	38.99	ng		94
22) Acetophenone	6.95	105	678184	40.73	ng	#	98
24) Nitrobenzene	7.12	77	503736	40.59	ng	#	80
25) Isophorone	7.36	82	916786	36.84	ng		98
26) 2-Nitrophenol	7.43	139	235558	38.55	ng		94
27) 2,4-Dimethylphenol	7.48	122	409915	37.75	ng		98
28) bis(2-Chloroethoxy)methane	7.59	93	579492	38.50	ng	#	98
29) 2,4-Dichlorophenol	7.68	162	384064	40.33	ng		93
30) 1,2,4-Trichlorobenzene	7.76	180	373580	39.27	ng		98
31) Naphthalene	7.83	128	1258412	38.28	ng		99
32) Benzoic acid	7.64	122	324418	43.53	ng		95
33) 4-Chloroaniline	7.90	127	540023	39.60	ng	#	91
34) Hexachlorobutadiene	7.96	225	190352	37.93	ng		98
35) Caprolactam	8.27	113	117021	37.12	ng		97
36) 4-Chloro-3-methylphenol	8.39	107	429779	39.93	ng		95
37) 2-Methylnaphthalene	8.52	142	808767	39.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	315438	37.16	ng		97
40) Hexachlorocyclopentadiene	8.68	237	169146	40.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	247719	40.96	ng		98
43) 2,4,5-Trichlorophenol	8.84	196	238035	38.01	ng	#	87
45) 1,1'-Biphenyl	8.99	154	1064928	40.25	ng		96
46) 2-Chloronaphthalene	9.00	162	713995	36.58	ng		98
47) 2-Nitroaniline	9.11	65	222304	37.78	ng		85
48) Acenaphthylene	9.42	152	1160955	36.63	ng		99
49) Dimethylphthalate	9.30	163	839914	35.66	ng		99
50) 2,6-Dinitrotoluene	9.36	165	213869	40.74	ng	#	76
51) Acenaphthene	9.59	154	721076	38.33	ng		99
52) 3-Nitroaniline	9.52	138	230234	37.41	ng		91
53) 2,4-Dinitrophenol	9.63	184	99655	35.75	ng	#	86
54) Dibenzofuran	9.76	168	921350	37.21	ng		95
55) 4-Nitrophenol	9.70	139	167872	39.81	ng		91
56) 2,4-Dinitrotoluene	9.76	165	252327	40.65	ng	#	79
57) Fluorene	10.10	166	757567	40.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	185304	39.52	ng		99
59) Diethylphthalate	10.00	149	891885	39.21	ng		97
60) 4-Chlorophenyl-phenylether	10.10	204	308933	36.31	ng	#	86
61) 4-Nitroaniline	10.14	138	254494	40.57	ng		99
62) Azobenzene	10.26	77	905159	38.23	ng		88
64) 4,6-Dinitro-2-methylphenol	10.16	198	138374	38.54	ng	#	69
65) n-Nitrosodiphenylamine	10.22	169	696822	36.97	ng		98
66) 4-Bromophenyl-phenylether	10.58	248	207807	36.85	ng	#	86
67) Hexachlorobenzene	10.64	284	231781	35.26	ng	#	89
68) Atrazine	10.75	200	180935	35.03	ng		97
69) Pentachlorophenol	10.83	266	151212	40.53	ng		97
70) Phenanthrene	11.05	178	1105787	41.25	ng		99
71) Anthracene	11.10	178	1045637	37.19	ng		100
72) Carbazole	11.26	167	1107980	37.28	ng		99
73) Di-n-butylphthalate	11.61	149	1373744	39.75	ng		99
74) Fluoranthene	12.22	202	1034469	35.95	ng		97
76) Benzidine	12.35	184	568187	38.01	ng		99
77) Pyrene	12.45	202	1077856	35.27	ng		99
79) Butylbenzylphthalate	13.09	149	542107	36.27	ng	#	80
80) Benzo(a)anthracene	13.62	228	921986	38.37	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	377682	38.12	ng	#	98
82) Chrysene	13.67	228	845375	36.12	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	721622	37.72	ng	#	98
84) Di-n-octyl phthalate	14.26	149	1247961	37.87	ng		98
85) Indeno(1,2,3-cd)pyrene	16.13	276	729733	38.56	ng		98
87) Benzo(b)fluoranthene	14.62	252	885877m	41.21	ng		
88) Benzo(k)fluoranthene	14.64	252	684522m	33.93	ng		
89) Benzo(a)pyrene	14.91	252	758580	37.51	ng		99
90) Dibenzo(a,h)anthracene	16.15	278	617191	39.11	ng		98
91) Benzo(g,h,i)perylene	16.48	276	585315	37.89	ng	#	92

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

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