Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091532.D
Acq On : 9 Dec 2016 17:08
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF120916

Manual Integrations APPROVED
sohil
12/12/2016 6:49:43 PM

Quant Time: Dec 09 19:04:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	275606	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1077834	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	531355	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	894997	20.00	ng		0.00
75) Chrysene-d12	13.96	240	576094	20.00	ng		0.00
86) Perylene-d12	15.38	264	551401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1332431	81.45	ng		0.00
7) Phenol-d6	6.45	99	1526725	74.86	ng		0.00
23) Nitrobenzene-d5	7.38	82	1436756	74.40	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	319917	72.49	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	2329164	75.74	ng		0.00
78) Terphenyl-d14	12.92	244	2027460	79.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	330600	38.29	ng	#	85
3) Pyridine	3.09	79	931137	40.48	ng	#	81
4) n-Nitrosodimethylamine	3.05	42	370910	37.53	ng	#	66
6) Aniline	6.48	93	1026109	38.38	ng	#	69
8) 2-Chlorophenol	6.60	128	737082	39.92	ng		98
9) Benzaldehyde	6.36	77	483404	34.44	ng	#	75
10) Phenol	6.46	94	887529	37.22	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	744689	41.57	ng	#	84
12) 1,3-Dichlorobenzene	6.75	146	735994m	36.76	ng		
13) 1,4-Dichlorobenzene	6.83	146	753776	38.17	ng		97
14) 1,2-Dichlorobenzene	6.99	146	714674	40.16	ng		93
15) Benzyl Alcohol	6.96	79	580764	36.07	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1105391	39.82	ng		78
17) 2-Methylphenol	7.08	107	599597	39.25	ng	#	76
18) Hexachloroethane	7.33	117	295409	38.33	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	491968	38.58	ng		86
20) 3+4-Methylphenols	7.23	107	625035	37.35	ng	#	56
22) Acetophenone	7.23	105	991906	38.41	ng	#	93
24) Nitrobenzene	7.40	77	858734	42.09	ng	#	85
25) Isophorone	7.64	82	1333662	38.85	ng		100
26) 2-Nitrophenol	7.72	139	362687	40.28	ng	#	65
27) 2,4-Dimethylphenol	7.76	122	579522	36.64	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	833439	41.39	ng	#	98
29) 2,4-Dichlorophenol	7.96	162	563652	40.96	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	593401	37.94	ng		99
31) Naphthalene	8.12	128	1890678	37.70	ng		100
32) Benzoic acid	7.88	122	442405	39.90	ng		95
33) 4-Chloroaniline	8.18	127	824233	38.15	ng	#	90
34) Hexachlorobutadiene	8.25	225	364022	40.60	ng		98
35) Caprolactam	8.54	113	160447	39.92	ng	#	64
36) 4-Chloro-3-methylphenol	8.66	107	645835	41.85	ng		97
37) 2-Methylnaphthalene	8.82	142	1250022	38.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	520826	35.74	ng		99
40) Hexachlorocyclopentadiene	8.97	237	261091	40.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	396715	42.37	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	354577	36.85	ng	#	81
45) 1,1'-Biphenyl	9.28	154	1409911	36.63	ng		98
46) 2-Chloronaphthalene	9.30	162	1088229	36.51	ng		99
47) 2-Nitroaniline	9.39	65	394896	39.40	ng	#	81
48) Acenaphthylene	9.71	152	1697627	37.37	ng		99
49) Dimethylphthalate	9.58	163	1402736	41.69	ng		99
50) 2,6-Dinitrotoluene	9.64	165	319279	43.24	ng	#	78
51) Acenaphthene	9.88	154	1174188	37.21	ng		97
52) 3-Nitroaniline	9.81	138	347191	40.02	ng	#	72
53) 2,4-Dinitrophenol	9.90	184	130646	39.45	ng	#	72
54) Dibenzofuran	10.05	168	1451502	37.18	ng		96
55) 4-Nitrophenol	9.97	139	295148	45.73	ng	#	66
56) 2,4-Dinitrotoluene	10.04	165	432322	46.71	ng	#	85
57) Fluorene	10.40	166	1058024	37.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	322734	42.84	ng		98
59) Diethylphthalate	10.28	149	1365218	42.14	ng		95
60) 4-Chlorophenyl-phenylether	10.40	204	549517	39.15	ng	#	87
61) 4-Nitroaniline	10.42	138	336107	38.99	ng		88
62) Azobenzene	10.56	77	1517757	41.34	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	187059	35.25	ng		89
65) n-Nitrosodiphenylamine	10.51	169	971134	36.40	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	346593	37.77	ng	#	75
67) Hexachlorobenzene	10.94	284	357439	37.46	ng	#	78
68) Atrazine	11.04	200	308330	35.94	ng		98
69) Pentachlorophenol	11.14	266	219816	40.94	ng		93
70) Phenanthrene	11.36	178	1673625	37.76	ng		99
71) Anthracene	11.41	178	1824550	38.17	ng		99
72) Carbazole	11.56	167	1507347	35.97	ng		99
73) Di-n-butylphthalate	11.91	149	1996325	40.89	ng		99
74) Fluoranthene	12.55	202	1799359	38.77	ng		97
76) Benzidine	12.66	184	646452	36.29	ng		95
77) Pyrene	12.77	202	1826329	39.96	ng		100
79) Butylbenzylphthalate	13.39	149	706077	39.63	ng		88
80) Benzo(a)anthracene	13.95	228	1271705	38.01	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	440771	36.69	ng	#	97
82) Chrysene	13.99	228	1315975	37.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	933431	40.84	ng	#	91
84) Di-n-octyl phthalate	14.57	149	1590045	40.98	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.74	276	1218554	38.69	ng		99
87) Benzo(b)fluoranthene	14.98	252	1380075m	41.99	ng		
88) Benzo(k)fluoranthene	15.00	252	993019m	34.36	ng		
89) Benzo(a)pyrene	15.32	252	1162768	39.27	ng	#	94
90) Dibenzo(a,h)anthracene	16.76	278	1028995	38.79	ng		97
91) Benzo(g,h,i)perylene	17.16	276	1058575	39.21	ng		99

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

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