Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090502.D
Acq On : 11 Oct 2016 15:23
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF101116

Manual Integrations APPROVED
sohil
10/12/2016 4:08:00 PM

Quant Time: Oct 11 16:16:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210183	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	854148	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	437977	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	726895	20.00	ng		0.00
75) Chrysene-d12	14.13	240	726914	20.00	ng		0.00
86) Perylene-d12	15.61	264	564369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1130448	83.67	ng		0.00
7) Phenol-d6	6.59	99	1418845	83.22	ng		0.00
23) Nitrobenzene-d5	7.51	82	1188718	75.48	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	372770	85.86	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2113189	81.08	ng		0.00
78) Terphenyl-d14	13.08	244	2355156	79.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	263560	39.77	ng	#	83
3) Pyridine	3.37	79	738889	40.34	ng	#	77
4) n-Nitrosodimethylamine	3.32	42	242055	40.32	ng	#	38
6) Aniline	6.61	93	858765	39.71	ng		97
8) 2-Chlorophenol	6.74	128	587825	40.90	ng		95
9) Benzaldehyde	6.50	77	437859	40.77	ng		99
10) Phenol	6.60	94	863396	44.90	ng		96
11) bis(2-Chloroethyl)ether	6.69	93	580639	40.34	ng		91
12) 1,3-Dichlorobenzene	6.90	146	634852	40.94	ng		99
13) 1,4-Dichlorobenzene	6.97	146	587243	37.12	ng		98
14) 1,2-Dichlorobenzene	7.13	146	615142	42.79	ng		98
15) Benzyl Alcohol	7.09	79	506975	38.73	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	787061	38.15	ng		89
17) 2-Methylphenol	7.21	107	453971	38.84	ng		99
18) Hexachloroethane	7.47	117	230928	39.55	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	404653	37.21	ng	#	81
20) 3+4-Methylphenols	7.37	107	601017	40.61	ng	#	60
22) Acetophenone	7.37	105	775660	41.25	ng	#	90
24) Nitrobenzene	7.54	77	698620	41.36	ng		92
25) Isophorone	7.78	82	1106337	38.60	ng		99
26) 2-Nitrophenol	7.86	139	328555	42.63	ng		97
27) 2,4-Dimethylphenol	7.89	122	523332	39.95	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	642346	36.29	ng	#	96
29) 2,4-Dichlorophenol	8.10	162	460054	41.99	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	477670	37.95	ng		100
31) Naphthalene	8.27	128	1659073	38.99	ng		97
32) Benzoic acid	8.02	122	438908	42.45	ng		98
33) 4-Chloroaniline	8.31	127	713207	39.59	ng	#	86
34) Hexachlorobutadiene	8.38	225	272056	38.66	ng		99
35) Caprolactam	8.68	113	140285	39.49	ng	#	78
36) 4-Chloro-3-methylphenol	8.79	107	535701	41.87	ng		91
37) 2-Methylnaphthalene	8.95	142	1046337	36.63	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	511160	41.69	ng		98
40) Hexachlorocyclopentadiene	9.11	237	253105	41.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	310471	37.56	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	340484	41.62	ng	#	89
45) 1,1'-Biphenyl	9.42	154	1420158	42.46	ng		95
46) 2-Chloronaphthalene	9.45	162	1053729	42.34	ng		97
47) 2-Nitroaniline	9.54	65	372065	41.91	ng		95
48) Acenaphthylene	9.86	152	1494227	37.21	ng		99
49) Dimethylphthalate	9.72	163	1129437	38.34	ng		99
50) 2,6-Dinitrotoluene	9.78	165	237848	36.57	ng		94
51) Acenaphthene	10.03	154	1030735	38.30	ng		97
52) 3-Nitroaniline	9.95	138	309564	38.36	ng		99
53) 2,4-Dinitrophenol	10.05	184	157631	43.68	ng		94
54) Dibenzofuran	10.20	168	1334428	37.27	ng		92
55) 4-Nitrophenol	10.11	139	280239	44.69	ng	#	70
56) 2,4-Dinitrotoluene	10.18	165	324059	37.67	ng	#	35
57) Fluorene	10.54	166	1128966	38.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	279703	40.99	ng		94
59) Diethylphthalate	10.42	149	1140789	38.08	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	577538	42.82	ng		90
61) 4-Nitroaniline	10.57	138	353667	42.95	ng		89
62) Azobenzene	10.70	77	1360719	41.59	ng		86
64) 4,6-Dinitro-2-methylphenol	10.59	198	189154	38.96	ng	#	76
65) n-Nitrosodiphenylamine	10.66	169	924126	39.10	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	345800	42.93	ng	#	86
67) Hexachlorobenzene	11.10	284	357273	40.16	ng	#	85
68) Atrazine	11.18	200	265702	36.32	ng		98
69) Pentachlorophenol	11.29	266	204366	38.60	ng		99
70) Phenanthrene	11.51	178	1696747	42.35	ng		98
71) Anthracene	11.56	178	1489205	36.69	ng		98
72) Carbazole	11.72	167	1570849	40.98	ng		96
73) Di-n-butylphthalate	12.05	149	1970203	42.68	ng	#	97
74) Fluoranthene	12.70	202	1800460	44.03	ng		93
76) Benzidine	12.82	184	791597	34.65	ng	#	96
77) Pyrene	12.93	202	1793090	39.41	ng		99
79) Butylbenzylphthalate	13.55	149	835528	39.23	ng		90
80) Benzo(a)anthracene	14.12	228	1606869	37.09	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	648471	41.60	ng	#	99
82) Chrysene	14.16	228	1389191	34.45	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1152429	37.07	ng	#	99
84) Di-n-octyl phthalate	14.73	149	1852373	38.48	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.09	276	1278359	38.07	ng		97
87) Benzo(b)fluoranthene	15.17	252	1604502	43.09	ng	#	95
88) Benzo(k)fluoranthene	15.21	252	1181978m	35.64	ng		
89) Benzo(a)pyrene	15.55	252	1348757	41.25	ng		99
90) Dibenzo(a,h)anthracene	17.10	278	1136652	40.92	ng	#	95
91) Benzo(g,h,i)perylene	17.54	276	1027502	40.00	ng		99

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

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