Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092425.D
Acq On : 24 Jan 2017 13:27
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012417

Manual Integrations APPROVED
mohammad
1/25/2017 3:49:22 PM

Quant Time: Jan 24 13:55:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161991	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	650764	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	357352	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	586452	20.00	ng		0.00
75) Chrysene-d12	14.17	240	478702	20.00	ng		0.00
86) Perylene-d12	15.64	264	356186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	811615	77.95	ng		0.00
7) Phenol-d6	6.59	99	1016345	76.63	ng		0.00
23) Nitrobenzene-d5	7.54	82	960724	80.64	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	183180	75.22	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1546431	80.02	ng		-0.01
78) Terphenyl-d14	13.12	244	1347521	74.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	213866	38.62	ng	#	83
3) Pyridine	3.38	79	652253	41.38	ng	#	84
4) n-Nitrosodimethylamine	3.33	42	310106	40.10	ng		83
6) Aniline	6.62	93	781021	39.48	ng	#	48
8) 2-Chlorophenol	6.75	128	433983	39.68	ng		96
9) Benzaldehyde	6.51	77	358493	38.09	ng		88
10) Phenol	6.60	94	656767	41.03	ng	#	73
11) bis(2-Chloroethyl)ether	6.70	93	486013	40.58	ng		95
12) 1,3-Dichlorobenzene	6.91	146	503405	38.92	ng	#	93
13) 1,4-Dichlorobenzene	6.99	146	531720	40.85	ng		96
14) 1,2-Dichlorobenzene	7.14	146	453447	36.72	ng		97
15) Benzyl Alcohol	7.10	79	392504	39.27	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	926084	39.09	ng		92
17) 2-Methylphenol	7.22	107	366733	39.25	ng		97
18) Hexachloroethane	7.49	117	186266	41.54	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	354137	39.21	ng		93
20) 3+4-Methylphenols	7.38	107	473426	41.76	ng		89
22) Acetophenone	7.38	105	607870	39.22	ng	#	82
24) Nitrobenzene	7.56	77	532777	42.69	ng	#	88
25) Isophorone	7.80	82	922761	39.31	ng		97
26) 2-Nitrophenol	7.87	139	210161	40.19	ng	#	88
27) 2,4-Dimethylphenol	7.90	122	421195	38.72	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	544862	35.36	ng		98
29) 2,4-Dichlorophenol	8.11	162	360348	38.21	ng		88
30) 1,2,4-Trichlorobenzene	8.20	180	395424	38.80	ng		96
31) Naphthalene	8.28	128	1246197	37.42	ng		100
32) Benzoic acid	8.02	122	320384	40.25	ng		95
33) 4-Chloroaniline	8.33	127	504938	35.84	ng	#	93
34) Hexachlorobutadiene	8.41	225	221747	39.78	ng		99
35) Caprolactam	8.72	113	135029	42.88	ng	#	64
36) 4-Chloro-3-methylphenol	8.81	107	392918	38.64	ng		94
37) 2-Methylnaphthalene	8.98	142	769262	36.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	383047	42.49	ng		100
40) Hexachlorocyclopentadiene	9.14	237	197584	43.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	264137	38.25	ng		92
43) 2,4,5-Trichlorophenol	9.30	196	261023	41.31	ng	#	83
45) 1,1'-Biphenyl	9.45	154	922340	35.71	ng		96
46) 2-Chloronaphthalene	9.47	162	785295	37.22	ng		94
47) 2-Nitroaniline	9.56	65	263701	37.11	ng		90
48) Acenaphthylene	9.89	152	1256406	40.60	ng		99
49) Dimethylphthalate	9.76	163	960721	42.28	ng		100
50) 2,6-Dinitrotoluene	9.81	165	219006	47.15	ng		96
51) Acenaphthene	10.06	154	717804	37.33	ng		97
52) 3-Nitroaniline	9.98	138	269590	46.34	ng		82
53) 2,4-Dinitrophenol	10.08	184	79004	38.69	ng	#	1
54) Dibenzofuran	10.24	168	983872	37.68	ng		97
55) 4-Nitrophenol	10.12	139	190720	41.28	ng		90
56) 2,4-Dinitrotoluene	10.21	165	259930	42.16	ng		96
57) Fluorene	10.58	166	712438	36.80	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	191726	40.49	ng		96
59) Diethylphthalate	10.45	149	811689	37.25	ng		99
60) 4-Chlorophenyl-phenylether	10.58	204	377086	40.16	ng	#	76
61) 4-Nitroaniline	10.60	138	255113	43.85	ng		92
62) Azobenzene	10.74	77	1031742	41.61	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	145304	46.19	ng	#	77
65) n-Nitrosodiphenylamine	10.69	169	723398	39.50	ng		100
66) 4-Bromophenyl-phenylether	11.07	248	238740	40.32	ng	#	84
67) Hexachlorobenzene	11.13	284	212762	35.55	ng	#	79
68) Atrazine	11.22	200	238753	38.09	ng		99
69) Pentachlorophenol	11.32	266	164258	42.92	ng		99
70) Phenanthrene	11.55	178	1288655	39.90	ng		98
71) Anthracene	11.60	178	1178671	37.34	ng		99
72) Carbazole	11.76	167	1209853	40.15	ng		98
73) Di-n-butylphthalate	12.09	149	1249438	36.26	ng		99
74) Fluoranthene	12.74	202	1219623	38.61	ng		98
76) Benzidine	12.86	184	722696	40.67	ng		97
77) Pyrene	12.97	202	1241334	35.79	ng		99
79) Butylbenzylphthalate	13.59	149	541277	38.52	ng		94
80) Benzo(a)anthracene	14.16	228	950454	36.94	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	400105	40.96	ng	#	96
82) Chrysene	14.19	228	929898	33.84	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	656475	37.10	ng	#	99
84) Di-n-octyl phthalate	14.76	149	1222985	38.07	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.13	276	683456	33.62	ng	#	93
87) Benzo(b)fluoranthene	15.21	252	849421	37.15	ng		98
88) Benzo(k)fluoranthene	15.24	252	866131m	45.55	ng		
89) Benzo(a)pyrene	15.59	252	782384	40.45	ng	#	94
90) Dibenzo(a,h)anthracene	17.15	278	595703	38.08	ng		99
91) Benzo(g,h,i)perylene	17.57	276	588360	37.19	ng	#	92

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

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