Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093418.D
Acq On : 7 Mar 2017 14:15
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF030717

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:36 PM

Quant Time: Mar 07 15:56:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	208833	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	804775	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	478330	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	730318	20.00	ng		0.00
75) Chrysene-d12	13.93	240	553409	20.00	ng		0.01
86) Perylene-d12	15.34	264	494993	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	988485	78.78	ng		0.00
7) Phenol-d6	6.41	99	1234465	78.02	ng		0.00
23) Nitrobenzene-d5	7.34	82	1109877	76.52	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	225638	72.40	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1931697	75.12	ng		0.00
78) Terphenyl-d14	12.87	244	1733674	81.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	289126	41.83	ng	#	85
3) Pyridine	2.96	79	777051	44.10	ng	#	83
4) n-Nitrosodimethylamine	2.94	42	328633	39.05	ng		88
6) Aniline	6.42	93	815856	37.57	ng	#	70
8) 2-Chlorophenol	6.55	128	547441	38.94	ng		96
9) Benzaldehyde	6.31	77	392462	40.94	ng		90
10) Phenol	6.44	94	734576	37.89	ng		90
11) bis(2-Chloroethyl)ether	6.50	93	599217	38.24	ng		94
12) 1,3-Dichlorobenzene	6.70	146	611435m	38.00	ng		
13) 1,4-Dichlorobenzene	6.78	146	640137	38.85	ng		98
14) 1,2-Dichlorobenzene	6.94	146	568192	38.94	ng		95
15) Benzyl Alcohol	6.93	79	426399	37.80	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	990357	38.04	ng		91
17) 2-Methylphenol	7.04	107	440906	37.08	ng		94
18) Hexachloroethane	7.27	117	208669	37.56	ng		93
19) n-Nitroso-di-n-propylamine	7.19	70	367896	33.82	ng		95
20) 3+4-Methylphenols	7.20	107	585324	37.95	ng	#	76
22) Acetophenone	7.19	105	754604	38.96	ng	#	96
24) Nitrobenzene	7.36	77	652721	40.04	ng		95
25) Isophorone	7.60	82	1137433	38.89	ng		97
26) 2-Nitrophenol	7.68	139	299714	40.30	ng	#	80
27) 2,4-Dimethylphenol	7.73	122	477238	39.44	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	677837	36.71	ng		99
29) 2,4-Dichlorophenol	7.92	162	459094	40.33	ng		88
30) 1,2,4-Trichlorobenzene	8.00	180	491882	40.64	ng		99
31) Naphthalene	8.07	128	1490330	36.95	ng		100
32) Benzoic acid	7.89	122	229898	36.57	ng		99
33) 4-Chloroaniline	8.14	127	651386	39.80	ng	#	94
34) Hexachlorobutadiene	8.18	225	240286	38.54	ng		100
35) Caprolactam	8.53	113	163420	42.04	ng	#	56
36) 4-Chloro-3-methylphenol	8.63	107	495294	40.77	ng		98
37) 2-Methylnaphthalene	8.77	142	1046231	40.77	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	456755	34.97	ng		99
40) Hexachlorocyclopentadiene	8.92	237	90578	35.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	297744	36.49	ng		93
43) 2,4,5-Trichlorophenol	9.10	196	334649	38.22	ng		94
45) 1,1'-Biphenyl	9.22	154	1182680	33.94	ng		96
46) 2-Chloronaphthalene	9.26	162	1024028	38.39	ng		97
47) 2-Nitroaniline	9.36	65	364391	38.65	ng		97
48) Acenaphthylene	9.67	152	1648560	37.48	ng		99
49) Dimethylphthalate	9.53	163	1144998	36.11	ng		99
50) 2,6-Dinitrotoluene	9.60	165	250009	35.93	ng	#	47
51) Acenaphthene	9.84	154	982043	37.75	ng		96
52) 3-Nitroaniline	9.77	138	291267	34.84	ng		94
53) 2,4-Dinitrophenol	9.90	184	146079	46.10	ng	#	79
54) Dibenzofuran	10.01	168	1276768	39.21	ng		93
55) 4-Nitrophenol	9.97	139	159780	39.35	ng		84
56) 2,4-Dinitrotoluene	10.01	165	289807	33.90	ng	#	80
57) Fluorene	10.36	166	1089718	39.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	246941	39.96	ng		96
59) Diethylphthalate	10.23	149	1083605	35.75	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	498104	40.28	ng	#	84
61) 4-Nitroaniline	10.39	138	293511	34.33	ng		94
62) Azobenzene	10.50	77	1361969	39.55	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	191331	40.44	ng		91
65) n-Nitrosodiphenylamine	10.47	169	991589	40.66	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	295056	38.21	ng	#	77
67) Hexachlorobenzene	10.90	284	302218	40.98	ng		97
68) Atrazine	11.00	200	277545	38.89	ng		99
69) Pentachlorophenol	11.11	266	101614	39.91	ng		98
70) Phenanthrene	11.32	178	1614409	38.73	ng		98
71) Anthracene	11.36	178	1467948	34.81	ng		99
72) Carbazole	11.52	167	1433448	36.19	ng		100
73) Di-n-butylphthalate	11.84	149	1670237	36.44	ng		99
74) Fluoranthene	12.51	202	1585156	39.37	ng		92
76) Benzidine	12.62	184	710204	39.03	ng		96
77) Pyrene	12.73	202	1624077	40.35	ng		99
79) Butylbenzylphthalate	13.34	149	709111	41.85	ng		97
80) Benzo(a)anthracene	13.92	228	1342120	41.07	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	444797	38.86	ng		98
82) Chrysene	13.96	228	1340144	44.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	1012845	42.89	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1611548	40.94	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	994208	39.28	ng	#	94
87) Benzo(b)fluoranthene	14.94	252	1174128m	38.95	ng		
88) Benzo(k)fluoranthene	14.96	252	1029071m	35.40	ng		
89) Benzo(a)pyrene	15.28	252	1054948	38.29	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	853608	37.45	ng		98
91) Benzo(g,h,i)perylene	17.11	276	888005	37.96	ng	#	89

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

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