Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093416.D
Acq On : 7 Mar 2017 13:20
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:31 PM

Quant Time: Mar 07 13:46:03 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 13:09:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	201102	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	843937	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	458006	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	670925	20.00	ng		0.00
75) Chrysene-d12	13.93	240	530345	20.00	ng		0.01
86) Perylene-d12	15.34	264	423687	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1337648	114.12	ng		0.00
7) Phenol-d6	6.42	99	1606624	106.52	ng		0.01
23) Nitrobenzene-d5	7.35	82	1720244	113.51	ng		0.01
41) 2,4,6-Tribromophenol	10.60	330	306924	92.65	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	2290964	90.62	ng		0.00
78) Terphenyl-d14	12.87	244	2023718	89.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	405542	64.03	ng	#	85
3) Pyridine	2.96	79	1059744	65.80	ng	#	85
4) n-Nitrosodimethylamine	2.95	42	504478	66.71	ng		85
6) Aniline	6.44	93	1144663	55.64	ng		85
8) 2-Chlorophenol	6.55	128	755807	58.45	ng		89
9) Benzaldehyde	6.31	77	451407	41.78	ng		91
10) Phenol	6.44	94	941351	53.35	ng		88
11) bis(2-Chloroethyl)ether	6.50	93	868123	61.64	ng		89
12) 1,3-Dichlorobenzene	6.70	146	867331	57.26	ng	#	90
13) 1,4-Dichlorobenzene	6.78	146	885497	57.76	ng		98
14) 1,2-Dichlorobenzene	6.94	146	800136	54.58	ng		97
15) Benzyl Alcohol	6.93	79	534922	47.91	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1359035	55.54	ng		66
17) 2-Methylphenol	7.04	107	653547	58.91	ng	#	91
18) Hexachloroethane	7.27	117	303067	57.91	ng		89
19) n-Nitroso-di-n-propylamine	7.20	70	534963	55.72	ng		98
20) 3+4-Methylphenols	7.20	107	798742	60.22	ng		93
22) Acetophenone	7.19	105	1073588	55.72	ng		100
24) Nitrobenzene	7.36	77	889212	57.14	ng		97
25) Isophorone	7.61	82	1752951	62.07	ng		99
26) 2-Nitrophenol	7.68	139	479756	64.86	ng		91
27) 2,4-Dimethylphenol	7.73	122	716099	55.12	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	1133608	60.61	ng		99
29) 2,4-Dichlorophenol	7.93	162	652711	53.87	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	717252	54.93	ng		98
31) Naphthalene	8.08	128	2359726	55.16	ng		99
32) Benzoic acid	7.91	122	459210	69.68	ng		97
33) 4-Chloroaniline	8.14	127	983604	58.62	ng		99
34) Hexachlorobutadiene	8.18	225	358155	49.86	ng		99
35) Caprolactam	8.54	113	218722	57.39	ng	#	31
36) 4-Chloro-3-methylphenol	8.63	107	719095	56.93	ng		97
37) 2-Methylnaphthalene	8.77	142	1389144	50.57	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	688420	53.55	ng		99
40) Hexachlorocyclopentadiene	8.92	237	176998	30.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	417411	49.41	ng		92
43) 2,4,5-Trichlorophenol	9.11	196	459195	49.61	ng	#	84
45) 1,1'-Biphenyl	9.24	154	1811616	54.62	ng		98
46) 2-Chloronaphthalene	9.26	162	1359701	52.41	ng		97
47) 2-Nitroaniline	9.36	65	466631	53.50	ng		95
48) Acenaphthylene	9.67	152	2050213	45.75	ng		99
49) Dimethylphthalate	9.54	163	1646574	53.37	ng		100
50) 2,6-Dinitrotoluene	9.61	165	412383	61.90	ng		93
51) Acenaphthene	9.84	154	1244540	46.45	ng		96
52) 3-Nitroaniline	9.78	138	486844	63.85	ng		88
53) 2,4-Dinitrophenol	9.90	184	182829	61.46	ng	#	71
54) Dibenzofuran	10.01	168	1657748	46.25	ng		96
55) 4-Nitrophenol	9.97	139	225716	41.10	ng	#	79
56) 2,4-Dinitrotoluene	10.02	165	471159	53.12	ng	#	65
57) Fluorene	10.36	166	1358743	49.28	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	316251	51.22	ng		98
59) Diethylphthalate	10.23	149	1362254	46.86	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	595058	44.92	ng		89
61) 4-Nitroaniline	10.40	138	428848	54.92	ng		95
62) Azobenzene	10.50	77	1677810	55.86	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	284162	81.86	ng	#	74
65) n-Nitrosodiphenylamine	10.47	169	1187731	55.42	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	419827	59.89	ng	#	84
67) Hexachlorobenzene	10.90	284	389226	56.19	ng		94
68) Atrazine	11.00	200	369341	53.70	ng		98
69) Pentachlorophenol	11.11	266	159231	53.22	ng		98
70) Phenanthrene	11.32	178	2067490	53.79	ng		99
71) Anthracene	11.36	178	2040029	52.85	ng		99
72) Carbazole	11.53	167	2096762	56.82	ng	#	97
73) Di-n-butylphthalate	11.85	149	2284568	57.25	ng	#	96
74) Fluoranthene	12.50	202	2144576	54.09	ng		93
76) Benzidine	12.63	184	800385	35.42	ng		97
77) Pyrene	12.73	202	2196206	55.34	ng		99
79) Butylbenzylphthalate	13.34	149	888467	55.13	ng		97
80) Benzo(a)anthracene	13.92	228	1702066	52.47	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	594794	51.44	ng	#	94
82) Chrysene	13.96	228	1487346	48.97	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	1249930	56.71	ng	#	98
84) Di-n-octyl phthalate	14.51	149	2081014	57.98	ng		100
85) Indeno(1,2,3-cd)pyrene	16.71	276	1318675	56.06	ng		95
87) Benzo(b)fluoranthene	14.94	252	1444787m	51.81	ng		
88) Benzo(k)fluoranthene	14.97	252	1452672m	60.33	ng		
89) Benzo(a)pyrene	15.28	252	1299925	53.89	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	1122205	57.56	ng		96
91) Benzo(g,h,i)perylene	17.12	276	1176832	59.75	ng	#	93

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

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