Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092630.D
Acq On : 30 Jan 2017 13:38
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:19 PM

Quant Time: Jan 30 14:09:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 13:46:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166378	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	638749	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	355680	20.00	ng		0.01
63) Phenanthrene-d10	11.49	188	560722	20.00	ng		0.00
75) Chrysene-d12	14.15	240	365833	20.00	ng		0.00
86) Perylene-d12	15.61	264	300166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1082821	101.26	ng		0.00
7) Phenol-d6	6.61	99	1352206	99.27	ng		0.01
23) Nitrobenzene-d5	7.54	82	1307932	111.85	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	266422	109.92	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1928397	100.26	ng		0.00
78) Terphenyl-d14	13.08	244	1828748	133.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	297838	52.37	ng	#	83
3) Pyridine	3.37	79	838122	51.76	ng		88
4) n-Nitrosodimethylamine	3.33	42	380783	47.94	ng		85
6) Aniline	6.62	93	961421	47.32	ng		96
8) 2-Chlorophenol	6.75	128	588183	52.36	ng		93
9) Benzaldehyde	6.51	77	509193	52.68	ng		93
10) Phenol	6.62	94	793102	48.24	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	708138	57.57	ng		99
12) 1,3-Dichlorobenzene	6.90	146	701972m	52.84	ng		
13) 1,4-Dichlorobenzene	6.98	146	692023	51.76	ng		98
14) 1,2-Dichlorobenzene	7.14	146	704701	55.56	ng		97
15) Benzyl Alcohol	7.12	79	528232	51.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1136299	46.70	ng		98
17) 2-Methylphenol	7.23	107	511347	53.28	ng		98
18) Hexachloroethane	7.48	117	254950	55.35	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	454694	49.02	ng		98
20) 3+4-Methylphenols	7.39	107	636532	54.67	ng	#	81
22) Acetophenone	7.38	105	776315	51.03	ng	#	94
24) Nitrobenzene	7.55	77	681579	55.64	ng		99
25) Isophorone	7.79	82	1251136	54.30	ng		96
26) 2-Nitrophenol	7.87	139	351060	68.39	ng		94
27) 2,4-Dimethylphenol	7.92	122	600453	56.24	ng		95
28) bis(2-Chloroethoxy)methane	8.01	93	857880	56.72	ng		99
29) 2,4-Dichlorophenol	8.12	162	544348	58.81	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	565784	56.55	ng	#	93
31) Naphthalene	8.28	128	1868271	57.15	ng		99
32) Benzoic acid	8.05	122	329796	44.67	ng		96
33) 4-Chloroaniline	8.33	127	682004	49.31	ng		96
34) Hexachlorobutadiene	8.40	225	319271	58.35	ng		98
35) Caprolactam	8.72	113	172854	55.92	ng	#	41
36) 4-Chloro-3-methylphenol	8.82	107	518830	51.98	ng		98
37) 2-Methylnaphthalene	8.97	142	1058645	51.15	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	565830	63.07	ng		99
40) Hexachlorocyclopentadiene	9.13	237	275534	61.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	376167	54.72	ng		93
43) 2,4,5-Trichlorophenol	9.30	196	408052	64.88	ng	#	87
45) 1,1'-Biphenyl	9.44	154	1300973	50.60	ng		97
46) 2-Chloronaphthalene	9.46	162	1059833	50.47	ng		95
47) 2-Nitroaniline	9.56	65	398119	56.30	ng		97
48) Acenaphthylene	9.88	152	1923564	62.45	ng		99
49) Dimethylphthalate	9.74	163	1366547	60.42	ng		100
50) 2,6-Dinitrotoluene	9.80	165	271789	58.79	ng	#	79
51) Acenaphthene	10.05	154	1167342	60.99	ng		97
52) 3-Nitroaniline	9.97	138	299437	51.72	ng		97
53) 2,4-Dinitrophenol	10.08	184	158947	96.08	ng	#	79
54) Dibenzofuran	10.22	168	1530333	58.89	ng		93
55) 4-Nitrophenol	10.14	139	266362	57.93	ng		90
56) 2,4-Dinitrotoluene	10.20	165	349835	57.01	ng		98
57) Fluorene	10.57	166	1210037	62.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	264718	56.17	ng		98
59) Diethylphthalate	10.43	149	1223192	56.40	ng		100
60) 4-Chlorophenyl-phenylether	10.56	204	548254	58.66	ng	#	84
61) 4-Nitroaniline	10.59	138	315717	54.52	ng		93
62) Azobenzene	10.72	77	1369574	55.49	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	189645	68.37	ng	#	54
65) n-Nitrosodiphenylamine	10.68	169	1036871	59.21	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	358506	63.32	ng	#	83
67) Hexachlorobenzene	11.10	284	326514	57.06	ng	#	75
68) Atrazine	11.21	200	360530	60.15	ng		94
69) Pentachlorophenol	11.31	266	173423	47.40	ng		98
70) Phenanthrene	11.53	178	1757357	56.91	ng		99
71) Anthracene	11.57	178	1703078	56.44	ng		99
72) Carbazole	11.73	167	1539432	53.43	ng		99
73) Di-n-butylphthalate	12.05	149	1762326	53.49	ng		98
74) Fluoranthene	12.72	202	1818751	60.22	ng		94
76) Benzidine	12.83	184	935675	68.90	ng		94
77) Pyrene	12.94	202	1819670	68.65	ng		99
79) Butylbenzylphthalate	13.55	149	695974	64.81	ng		98
80) Benzo(a)anthracene	14.13	228	1362183	69.28	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	467234	62.59	ng		98
82) Chrysene	14.17	228	1266508	60.32	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	946823	70.01	ng	#	97
84) Di-n-octyl phthalate	14.73	149	1476379	60.13	ng		100
85) Indeno(1,2,3-cd)pyrene	17.09	276	1014151	65.28	ng		95
87) Benzo(b)fluoranthene	15.19	252	1185238	61.51	ng	#	96
88) Benzo(k)fluoranthene	15.21	252	900656m	56.21	ng		
89) Benzo(a)pyrene	15.55	252	996691	61.14	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	863778	65.53	ng		95
91) Benzo(g,h,i)perylene	17.54	276	905778	67.95	ng	#	92

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

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