Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088502.D
Acq On : 29 Jun 2016 19:35
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
6/30/2016 7:46:47 PM

Quant Time: Jun 30 01:23:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 01:10:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147470	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	588904	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	269835	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	489003	20.00	ng		0.00
75) Chrysene-d12	13.97	240	234822	20.00	ng		0.00
86) Perylene-d12	15.36	264	269874	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	778304	88.44	ng		0.00
7) Phenol-d6	6.46	99	998413	92.47	ng		0.00
23) Nitrobenzene-d5	7.39	82	961480	93.83	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	163555	60.11	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1388266	68.17	ng		0.00
78) Terphenyl-d14	12.91	244	991343	92.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	186614	43.40	ng	#	29
3) Pyridine	3.11	79	551140	52.92	ng		100
4) n-Nitrosodimethylamine	3.06	42	224117	51.03	ng		100
6) Aniline	6.48	93	739458	48.01	ng		100
8) 2-Chlorophenol	6.60	128	409764	39.99	ng		100
9) Benzaldehyde	6.36	77	214950	32.06	ng		100
10) Phenol	6.47	94	635469	47.48	ng		100
11) bis(2-Chloroethyl)ether	6.56	93	398603	42.32	ng		100
12) 1,3-Dichlorobenzene	6.76	146	452887	41.12	ng		100
13) 1,4-Dichlorobenzene	6.84	146	462010	41.31	ng		100
14) 1,2-Dichlorobenzene	6.99	146	389427	39.07	ng		100
15) Benzyl Alcohol	6.97	79	421856	49.79	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	616795	48.18	ng		100
17) 2-Methylphenol	7.07	107	362973	43.42	ng		100
18) Hexachloroethane	7.34	117	168592	42.62	ng		100
19) n-Nitroso-di-n-propylamine	7.24	70	323964	46.44	ng		100
20) 3+4-Methylphenols	7.23	107	391047	39.90	ng		100
22) Acetophenone	7.23	105	538793	40.68	ng		100
24) Nitrobenzene	7.40	77	444094	44.12	ng		100
25) Isophorone	7.66	82	908231	47.35	ng		100
26) 2-Nitrophenol	7.72	139	183822	36.56	ng		100
27) 2,4-Dimethylphenol	7.76	122	387202	40.46	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	529889	45.03	ng		100
29) 2,4-Dichlorophenol	7.96	162	344087	42.53	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	354850	40.28	ng		100
31) Naphthalene	8.14	128	1206981	40.93	ng		100
32) Benzoic acid	7.87	122	139538	29.00	ng		100
33) 4-Chloroaniline	8.18	127	541437	41.85	ng		100
34) Hexachlorobutadiene	8.25	225	180393	39.42	ng		100
35) Caprolactam	8.55	113	100150	38.51	ng		100
36) 4-Chloro-3-methylphenol	8.66	107	373048	42.82	ng		100
37) 2-Methylnaphthalene	8.82	142	796292	41.60	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	282545	35.79	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	182512	41.72	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	221598	41.06	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	222664m	39.59	ng		
45) 1,1'-Biphenyl	9.28	154	878204	39.82	ng		100
46) 2-Chloronaphthalene	9.30	162	676753	38.55	ng		100
47) 2-Nitroaniline	9.39	65	200821	39.64	ng		100
48) Acenaphthylene	9.72	152	1195581	42.51	ng		100
49) Dimethylphthalate	9.59	163	772600	39.08	ng		100
50) 2,6-Dinitrotoluene	9.64	165	188424	41.24	ng		100
51) Acenaphthene	9.90	154	707949	40.74	ng		100
52) 3-Nitroaniline	9.80	138	176492	35.11	ng		100
53) 2,4-Dinitrophenol	9.91	184	35886	25.29	ng		100
54) Dibenzofuran	10.07	168	1003997	41.87	ng		100
55) 4-Nitrophenol	9.95	139	127168	33.42	ng		100
56) 2,4-Dinitrotoluene	10.04	165	237069	40.61	ng		100
57) Fluorene	10.40	166	680301	36.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	170800	39.41	ng		97
59) Diethylphthalate	10.28	149	805281	40.30	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	300122	37.62	ng		100
61) 4-Nitroaniline	10.42	138	178928	37.54	ng		100
62) Azobenzene	10.56	77	1062110	52.50	ng		100
64) 4,6-Dinitro-2-methylphenol	10.44	198	62865	26.65	ng		100
65) n-Nitrosodiphenylamine	10.51	169	629536	39.10	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	213048	40.80	ng		100
67) Hexachlorobenzene	10.95	284	194828	35.93	ng		100
68) Atrazine	11.04	200	196085	40.54	ng		100
69) Pentachlorophenol	11.14	266	106546	38.45	ng		100
70) Phenanthrene	11.36	178	990091	38.27	ng		100
71) Anthracene	11.42	178	1096075	42.35	ng		100
72) Carbazole	11.56	167	959842	39.26	ng		100
73) Di-n-butylphthalate	11.91	149	1217423	39.86	ng		100
74) Fluoranthene	12.54	202	916342	34.77	ng		100
76) Benzidine	12.66	184	308569	45.83	ng		100
77) Pyrene	12.77	202	852985	47.38	ng		100
79) Butylbenzylphthalate	13.39	149	380505	48.06	ng		100
80) Benzo(a)anthracene	13.95	228	663271	47.06	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	221671	57.71	ng		100
82) Chrysene	13.99	228	630910	47.94	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	537685	53.82	ng		100
84) Di-n-octyl phthalate	14.57	149	859477	53.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	744132	58.74	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	686705m	37.31	ng		
88) Benzo(k)fluoranthene	14.99	252	493836m	34.45	ng		
89) Benzo(a)pyrene	15.30	252	601495	39.78	ng		100
90) Dibenzo(a,h)anthracene	16.74	278	616949	43.21	ng		100
91) Benzo(g,h,i)perylene	17.13	276	643094	43.76	ng		100

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

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