Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088503.D
Acq On : 29 Jun 2016 20:04
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
sohil
6/30/2016 7:46:42 PM

Quant Time: Jun 30 01:26:21 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	143810	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	566410	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	253526	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	427849	20.00	ng		0.00
75) Chrysene-d12	13.97	240	210366	20.00	ng		0.00
86) Perylene-d12	15.36	264	274543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	901598	105.05	ng		0.00
7) Phenol-d6	6.46	99	1075287	102.12	ng		0.00
23) Nitrobenzene-d5	7.39	82	1067624	108.32	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	180026	70.43	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1479379	77.32	ng		0.00
78) Terphenyl-d14	12.91	244	978137	102.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	220204	52.51	ng	#	29
3) Pyridine	3.10	79	650703	64.07	ng		96
4) n-Nitrosodimethylamine	3.06	42	266454	62.21	ng		99
6) Aniline	6.49	93	851791	56.72	ng		96
8) 2-Chlorophenol	6.60	128	453522	45.39	ng		97
9) Benzaldehyde	6.36	77	240101	36.72	ng		98
10) Phenol	6.47	94	663320	50.82	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	464455	50.57	ng		97
12) 1,3-Dichlorobenzene	6.76	146	508954	47.39	ng		97
13) 1,4-Dichlorobenzene	6.84	146	530703	48.66	ng		99
14) 1,2-Dichlorobenzene	6.99	146	436975	44.95	ng		99
15) Benzyl Alcohol	6.97	79	488607	59.13	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	711143	56.97	ng		100
17) 2-Methylphenol	7.08	107	427806	52.48	ng		96
18) Hexachloroethane	7.34	117	197981	51.32	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	384269	56.48	ng		98
20) 3+4-Methylphenols	7.23	107	427168	44.70	ng		99
22) Acetophenone	7.24	105	666626	52.33	ng	#	78
24) Nitrobenzene	7.40	77	514097	53.10	ng		98
25) Isophorone	7.66	82	1038691	56.30	ng		97
26) 2-Nitrophenol	7.72	139	208321	43.08	ng		97
27) 2,4-Dimethylphenol	7.77	122	469665	51.03	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	585649	51.74	ng		99
29) 2,4-Dichlorophenol	7.96	162	379926	48.82	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	405941	47.91	ng		99
31) Naphthalene	8.14	128	1383434	48.78	ng		99
32) Benzoic acid	7.87	122	157580	34.05	ng		96
33) 4-Chloroaniline	8.18	127	623662	50.12	ng		97
34) Hexachlorobutadiene	8.25	225	201859	45.86	ng		98
35) Caprolactam	8.56	113	123987	49.57	ng	#	66
36) 4-Chloro-3-methylphenol	8.66	107	432493	51.61	ng		95
37) 2-Methylnaphthalene	8.82	142	873355	47.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	322764	43.51	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	207686	50.53	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	239089	47.15	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	242816m	45.96	ng		
45) 1,1'-Biphenyl	9.29	154	986786	47.63	ng		93
46) 2-Chloronaphthalene	9.30	162	770972	46.74	ng		99
47) 2-Nitroaniline	9.39	65	238941	50.20	ng		98
48) Acenaphthylene	9.72	152	1286051	48.66	ng		99
49) Dimethylphthalate	9.59	163	807481	43.47	ng		100
50) 2,6-Dinitrotoluene	9.64	165	198121	46.15	ng		92
51) Acenaphthene	9.90	154	765856	46.90	ng		100
52) 3-Nitroaniline	9.80	138	211477	44.77	ng		100
53) 2,4-Dinitrophenol	9.91	184	41591	31.19	ng		94
54) Dibenzofuran	10.07	168	1118108	49.63	ng		97
55) 4-Nitrophenol	9.96	139	153632	42.98	ng	#	55
56) 2,4-Dinitrotoluene	10.04	165	258343	47.10	ng	#	88
57) Fluorene	10.40	166	712729	40.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	190198	46.70	ng		96
59) Diethylphthalate	10.28	149	841108	44.80	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	317449	42.35	ng		98
61) 4-Nitroaniline	10.42	138	197462	44.09	ng		90
62) Azobenzene	10.56	77	1126857	59.28	ng		100
64) 4,6-Dinitro-2-methylphenol	10.44	198	66836	32.39	ng		90
65) n-Nitrosodiphenylamine	10.51	169	669603	47.53	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	226974	49.68	ng		97
67) Hexachlorobenzene	10.95	284	206973	43.62	ng		99
68) Atrazine	11.04	200	201882	47.71	ng		99
69) Pentachlorophenol	11.14	266	116989	48.25	ng		99
70) Phenanthrene	11.36	178	1022642	45.18	ng		100
71) Anthracene	11.42	178	1165706	51.47	ng		100
72) Carbazole	11.56	167	1016037	47.50	ng		100
73) Di-n-butylphthalate	11.91	149	1251313	46.83	ng		100
74) Fluoranthene	12.54	202	892767	38.72	ng		100
76) Benzidine	12.66	184	334157	55.40	ng		99
77) Pyrene	12.77	202	868091	53.83	ng		100
79) Butylbenzylphthalate	13.39	149	391669	55.22	ng		98
80) Benzo(a)anthracene	13.95	228	718400	56.90	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	250903	72.91	ng		99
82) Chrysene	13.99	228	679225	57.61	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	538992	60.22	ng		100
84) Di-n-octyl phthalate	14.57	149	942749	65.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	917662	80.86	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	786429	42.00	ng		99
88) Benzo(k)fluoranthene	14.99	252	610679m	41.88	ng		
89) Benzo(a)pyrene	15.30	252	723047	47.00	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	748217	51.51	ng	#	96
91) Benzo(g,h,i)perylene	17.13	276	785545	52.55	ng	#	93

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

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