Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086212.D
Acq On : 15 Apr 2016 12:57
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
4/18/2016 7:25:02 PM

Quant Time: Apr 15 13:46:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 13:20:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	285044	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1152697	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	527598	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	903320	20.00	ng		0.00
75) Chrysene-d12	14.05	240	606723	20.00	ng		0.00
86) Perylene-d12	15.48	264	495403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1262912	36.40	ng		0.00
7) Phenol-d6	6.52	99	1691696	38.48	ng		0.00
23) Nitrobenzene-d5	7.46	82	1509260	37.31	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	321576	34.62	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2217199	33.88	ng		0.00
78) Terphenyl-d14	13.00	244	1657830	32.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	369739	40.88	ng		97
3) Pyridine	3.25	79	1037205	44.50	ng		95
4) n-Nitrosodimethylamine	3.20	42	353572	32.56	ng	#	71
6) Aniline	6.56	93	1231996	38.99	ng		100
8) 2-Chlorophenol	6.67	128	753928	37.79	ng		98
9) Benzaldehyde	6.44	77	630721	52.64	ng		97
10) Phenol	6.53	94	1079324	39.01	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	737099	37.72	ng	#	82
12) 1,3-Dichlorobenzene	6.83	146	772702	35.26	ng		99
13) 1,4-Dichlorobenzene	6.91	146	761013	34.60	ng		98
14) 1,2-Dichlorobenzene	7.07	146	715463	35.03	ng		98
15) Benzyl Alcohol	7.04	79	641632	39.85	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1216603	38.47	ng		99
17) 2-Methylphenol	7.14	107	654061	39.66	ng		98
18) Hexachloroethane	7.41	117	302408	38.30	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	479151	33.37	ng	#	85
20) 3+4-Methylphenols	7.30	107	656503	35.93	ng		98
22) Acetophenone	7.31	105	933352	34.78	ng	#	97
24) Nitrobenzene	7.48	77	926323	41.79	ng		97
25) Isophorone	7.72	82	1503147	38.20	ng		100
26) 2-Nitrophenol	7.79	139	381307	43.21	ng		96
27) 2,4-Dimethylphenol	7.84	122	768500	41.21	ng		100
28) bis(2-Chloroethoxy)methane	7.93	93	846452	37.49	ng		99
29) 2,4-Dichlorophenol	8.03	162	555207	37.85	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	572411	35.42	ng		99
31) Naphthalene	8.20	128	1959063	36.06	ng		100
32) Benzoic acid	7.94	122	504845	45.98	ng		96
33) 4-Chloroaniline	8.25	127	835540	37.52	ng		98
34) Hexachlorobutadiene	8.33	225	300273	35.19	ng		98
35) Caprolactam	8.62	113	217405	44.29	ng	#	73
36) 4-Chloro-3-methylphenol	8.73	107	689341	41.39	ng		98
37) 2-Methylnaphthalene	8.90	142	1317308	37.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	461511	33.43	ng		99
40) Hexachlorocyclopentadiene	9.05	237	238198	34.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	396720	37.31	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	403316	38.07	ng		98
45) 1,1'-Biphenyl	9.36	154	1393866	33.78	ng		99
46) 2-Chloronaphthalene	9.38	162	1157826	34.29	ng		99
47) 2-Nitroaniline	9.47	65	379674	39.14	ng		98
48) Acenaphthylene	9.80	152	2018025	39.39	ng		99
49) Dimethylphthalate	9.66	163	1500331	38.22	ng		99
50) 2,6-Dinitrotoluene	9.72	165	354741	42.68	ng		92
51) Acenaphthene	9.97	154	1195873	35.92	ng		100
52) 3-Nitroaniline	9.88	138	360758	37.61	ng		99
53) 2,4-Dinitrophenol	9.98	184	127483	52.84	ng		88
54) Dibenzofuran	10.14	168	1573278	38.47	ng		99
55) 4-Nitrophenol	10.03	139	310557	44.44	ng		90
56) 2,4-Dinitrotoluene	10.12	165	450798	42.39	ng	#	84
57) Fluorene	10.49	166	1081527	32.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	273693	36.79	ng		98
59) Diethylphthalate	10.36	149	1460216	36.57	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	458087	29.53	ng		98
61) 4-Nitroaniline	10.50	138	382772	42.31	ng		84
62) Azobenzene	10.64	77	1549815	38.78	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	181989	52.57	ng		87
65) n-Nitrosodiphenylamine	10.59	169	1012072	36.35	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	327466	36.34	ng		95
67) Hexachlorobenzene	11.02	284	336903	33.25	ng		96
68) Atrazine	11.12	200	324565	39.43	ng		98
69) Pentachlorophenol	11.22	266	228159	42.82	ng		99
70) Phenanthrene	11.44	178	1707193	36.18	ng		100
71) Anthracene	11.49	178	1682837	36.11	ng		99
72) Carbazole	11.64	167	1532809	36.27	ng		100
73) Di-n-butylphthalate	11.99	149	2073059	41.66	ng		100
74) Fluoranthene	12.63	202	1549778	35.55	ng		99
76) Benzidine	12.75	184	1046758	50.18	ng		99
77) Pyrene	12.85	202	1600736	35.16	ng		99
79) Butylbenzylphthalate	13.48	149	925547	50.11	ng		94
80) Benzo(a)anthracene	14.04	228	1177797	35.08	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	737686	33.42	ng		99
82) Chrysene	14.08	228	1291166	36.79	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	913393	42.11	ng		99
84) Di-n-octyl phthalate	14.65	149	1907748	47.97	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1104270	39.75	ng		97
87) Benzo(b)fluoranthene	15.07	252	1113925	37.03	ng		99
88) Benzo(k)fluoranthene	15.11	252	1181615m	41.71	ng		
89) Benzo(a)pyrene	15.43	252	1064252	40.34	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	911424	38.83	ng	#	96
91) Benzo(g,h,i)perylene	17.32	276	960721	39.36	ng		96

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

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