Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086245.D
Acq On : 16 Apr 2016 5:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/18/2016 7:30:50 PM

Quant Time: Apr 18 04:22:42 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 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	279907	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1115744	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	509928	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	869702	20.00	ng		0.00
75) Chrysene-d12	14.05	240	494285	20.00	ng		0.00
86) Perylene-d12	15.48	264	431889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1231275	72.07	ng		0.00
7) Phenol-d6	6.52	99	1600895	74.92	ng		0.00
23) Nitrobenzene-d5	7.46	82	1476522	76.33	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	331613	80.99	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2180723	78.91	ng		0.00
78) Terphenyl-d14	13.00	244	1616574	82.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	361844	38.41	ng		98
3) Pyridine	3.25	79	900363	36.65	ng		94
4) n-Nitrosodimethylamine	3.18	42	347399	39.14	ng	#	71
6) Aniline	6.56	93	1181747	38.37	ng		98
8) 2-Chlorophenol	6.68	128	745278	38.56	ng	#	77
9) Benzaldehyde	6.44	77	610381	40.26	ng		97
10) Phenol	6.53	94	1002676	39.40	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	746082	38.97	ng		100
12) 1,3-Dichlorobenzene	6.83	146	774513	37.77	ng		99
13) 1,4-Dichlorobenzene	6.91	146	750430	38.41	ng		99
14) 1,2-Dichlorobenzene	7.07	146	717155	41.36	ng		98
15) Benzyl Alcohol	7.04	79	598170	39.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1180269	39.57	ng		100
17) 2-Methylphenol	7.15	107	647513	40.21	ng		95
18) Hexachloroethane	7.41	117	292847	39.74	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	456225	33.36	ng	#	81
20) 3+4-Methylphenols	7.30	107	642033	35.59	ng		98
22) Acetophenone	7.31	105	898700	42.67	ng	#	99
24) Nitrobenzene	7.48	77	909624	43.01	ng		98
25) Isophorone	7.72	82	1472056	38.35	ng		99
26) 2-Nitrophenol	7.80	139	382937	41.53	ng	#	63
27) 2,4-Dimethylphenol	7.84	122	745665	40.04	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	842716	37.34	ng	#	97
29) 2,4-Dichlorophenol	8.03	162	557123	39.35	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	573829	38.73	ng		99
31) Naphthalene	8.20	128	1899264	38.12	ng		100
32) Benzoic acid	7.94	122	474417	39.85	ng		98
33) 4-Chloroaniline	8.25	127	815074	36.60	ng		99
34) Hexachlorobutadiene	8.33	225	294248	39.64	ng		97
35) Caprolactam	8.62	113	189025	36.87	ng	#	63
36) 4-Chloro-3-methylphenol	8.73	107	612934	37.36	ng		94
37) 2-Methylnaphthalene	8.90	142	1308685	40.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	458394	42.02	ng		98
40) Hexachlorocyclopentadiene	9.05	237	230443	38.34	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	389901	38.81	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	394552	40.66	ng	#	92
45) 1,1'-Biphenyl	9.36	154	1368287	37.27	ng		99
46) 2-Chloronaphthalene	9.38	162	1172328	39.12	ng		98
47) 2-Nitroaniline	9.47	65	369940	38.10	ng		99
48) Acenaphthylene	9.80	152	2003370	42.01	ng		99
49) Dimethylphthalate	9.66	163	1491629	40.23	ng		99
50) 2,6-Dinitrotoluene	9.72	165	351172	42.80	ng		99
51) Acenaphthene	9.97	154	1182837	41.52	ng		99
52) 3-Nitroaniline	9.88	138	352861	35.39	ng		99
53) 2,4-Dinitrophenol	9.98	184	102915	36.37	ng	#	89
54) Dibenzofuran	10.14	168	1579587	41.99	ng		99
55) 4-Nitrophenol	10.03	139	271035	34.75	ng		95
56) 2,4-Dinitrotoluene	10.12	165	457048	43.52	ng		96
57) Fluorene	10.49	166	1087738	42.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	280470	39.80	ng		98
59) Diethylphthalate	10.36	149	1447143	37.81	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	458905	42.22	ng		97
61) 4-Nitroaniline	10.50	138	373406	43.34	ng		87
62) Azobenzene	10.64	77	1359064	36.30	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	169084	40.85	ng	#	84
65) n-Nitrosodiphenylamine	10.59	169	1009111	37.89	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	330379	40.76	ng		94
67) Hexachlorobenzene	11.02	284	335146	39.46	ng		95
68) Atrazine	11.13	200	343529	42.09	ng		91
69) Pentachlorophenol	11.22	266	210362	40.84	ng		99
70) Phenanthrene	11.45	178	1707275	41.10	ng		98
71) Anthracene	11.49	178	1653482	40.72	ng		99
72) Carbazole	11.64	167	1525309	38.61	ng		99
73) Di-n-butylphthalate	11.98	149	2045858	38.30	ng		100
74) Fluoranthene	12.62	202	1485967	41.07	ng		99
76) Benzidine	12.75	184	911845	47.56	ng		98
77) Pyrene	12.85	202	1492280	39.35	ng		100
79) Butylbenzylphthalate	13.48	149	828719	47.31	ng		95
80) Benzo(a)anthracene	14.04	228	979336	36.09	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	634793	40.36	ng		98
82) Chrysene	14.08	228	1094896	37.84	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	802759	42.44	ng		99
84) Di-n-octyl phthalate	14.65	149	1389513	38.11	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1204391	50.64	ng		97
87) Benzo(b)fluoranthene	15.07	252	931083	34.94	ng		99
88) Benzo(k)fluoranthene	15.11	252	971779m	40.00	ng		
89) Benzo(a)pyrene	15.43	252	924566	40.06	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	993168	48.69	ng		99
91) Benzo(g,h,i)perylene	17.32	276	1057966	48.78	ng	#	94

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

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