Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085966.D
Acq On : 1 Apr 2016 17:21
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
4/4/2016 7:31:31 PM

Quant Time: Apr 01 18:37:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 18:28:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106381	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	429377	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	199657	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	379005	20.00	ng		0.00
75) Chrysene-d12	13.93	240	300415	20.00	ng		0.00
86) Perylene-d12	15.33	264	263579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	499777	78.24	ng		0.00
7) Phenol-d6	6.42	99	644509	79.36	ng		0.00
23) Nitrobenzene-d5	7.34	82	543441	71.27	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	152078	80.17	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	987416	82.63	ng		0.00
78) Terphenyl-d14	12.88	244	951408	65.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	112804	36.98	ng		98
3) Pyridine	3.00	79	292399	39.99	ng		100
4) n-Nitrosodimethylamine	2.96	42	117258	40.06	ng		98
6) Aniline	6.44	93	420460	38.46	ng		98
8) 2-Chlorophenol	6.56	128	288982	38.94	ng		94
9) Benzaldehyde	6.33	77	170764	34.90	ng		91
10) Phenol	6.43	94	384904	41.83	ng		84
11) bis(2-Chloroethyl)ether	6.51	93	254860	35.99	ng		95
12) 1,3-Dichlorobenzene	6.72	146	305415	38.21	ng		97
13) 1,4-Dichlorobenzene	6.80	146	310606	38.32	ng		93
14) 1,2-Dichlorobenzene	6.94	146	302750	40.08	ng		99
15) Benzyl Alcohol	6.92	79	197028	36.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	342875	36.50	ng		95
17) 2-Methylphenol	7.04	107	220968	37.19	ng		97
18) Hexachloroethane	7.29	117	114795	38.68	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	179411	36.89	ng		96
20) 3+4-Methylphenols	7.20	107	274193	38.38	ng		96
22) Acetophenone	7.20	105	385703	38.56	ng	#	93
24) Nitrobenzene	7.37	77	314096	39.96	ng	#	86
25) Isophorone	7.61	82	560167	38.14	ng	#	94
26) 2-Nitrophenol	7.68	139	147112	37.41	ng	#	76
27) 2,4-Dimethylphenol	7.72	122	247733	36.04	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	305681	36.52	ng		98
29) 2,4-Dichlorophenol	7.93	162	222779	38.56	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	248227	38.70	ng		95
31) Naphthalene	8.09	128	825678	38.16	ng		99
32) Benzoic acid	7.87	122	204482	44.80	ng		87
33) 4-Chloroaniline	8.13	127	328416	37.18	ng	#	91
34) Hexachlorobutadiene	8.20	225	135300	38.81	ng		99
35) Caprolactam	8.51	113	78324	38.27	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	260484	38.60	ng		100
37) 2-Methylnaphthalene	8.77	142	523776	38.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	237246	40.07	ng		99
40) Hexachlorocyclopentadiene	8.92	237	66141	33.81	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	153400	38.36	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	153201	36.53	ng		97
45) 1,1'-Biphenyl	9.24	154	671699	39.87	ng		93
46) 2-Chloronaphthalene	9.26	162	505449	40.80	ng		97
47) 2-Nitroaniline	9.37	65	150793	39.81	ng	#	78
48) Acenaphthylene	9.68	152	825105	40.88	ng		99
49) Dimethylphthalate	9.54	163	545269	36.00	ng		100
50) 2,6-Dinitrotoluene	9.61	165	134631	41.29	ng	#	82
51) Acenaphthene	9.85	154	482375	39.12	ng		100
52) 3-Nitroaniline	9.78	138	162128	43.44	ng		84
53) 2,4-Dinitrophenol	9.89	184	61686	44.15	ng	#	71
54) Dibenzofuran	10.02	168	634702	39.77	ng		99
55) 4-Nitrophenol	9.95	139	87495	35.99	ng		90
56) 2,4-Dinitrotoluene	10.01	165	149392	36.05	ng	#	37
57) Fluorene	10.36	166	555180	41.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	114372	39.24	ng		97
59) Diethylphthalate	10.24	149	550713	36.80	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	247109	38.10	ng		99
61) 4-Nitroaniline	10.38	138	147568	41.34	ng		85
62) Azobenzene	10.51	77	566614	39.40	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	89820	40.47	ng		97
65) n-Nitrosodiphenylamine	10.48	169	476510	39.70	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	157100	40.52	ng		97
67) Hexachlorobenzene	10.91	284	162060	39.96	ng		97
68) Atrazine	11.00	200	141441	34.90	ng		97
69) Pentachlorophenol	11.10	266	77761	39.06	ng		99
70) Phenanthrene	11.32	178	829147	42.61	ng		99
71) Anthracene	11.37	178	772217	37.80	ng		100
72) Carbazole	11.53	167	689671	40.21	ng		99
73) Di-n-butylphthalate	11.86	149	931083	39.56	ng		100
74) Fluoranthene	12.50	202	786840	38.04	ng		100
76) Benzidine	12.62	184	428403	40.49	ng		99
77) Pyrene	12.73	202	812016	32.88	ng		99
79) Butylbenzylphthalate	13.36	149	381050	36.85	ng		95
80) Benzo(a)anthracene	13.92	228	682994	39.87	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	549410	46.21	ng	#	94
82) Chrysene	13.96	228	705189	40.87	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	504059	40.71	ng		99
84) Di-n-octyl phthalate	14.52	149	867448	47.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	549308	41.23	ng		99
87) Benzo(b)fluoranthene	14.95	252	747056m	44.99	ng		
88) Benzo(k)fluoranthene	14.97	252	489728m	32.72	ng		
89) Benzo(a)pyrene	15.28	252	564328	38.28	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	460152	33.59	ng		97
91) Benzo(g,h,i)perylene	17.11	276	439691	31.70	ng	#	94

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

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