Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093414.D
Acq On : 7 Mar 2017 12:24
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:25 PM

Quant Time: Mar 07 13:18:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:09:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	195281	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	781765	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	381992	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	644689	20.00	ng		0.00
75) Chrysene-d12	13.92	240	517485	20.00	ng		0.00
86) Perylene-d12	15.33	264	467304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	936322	82.26	ng		0.00
7) Phenol-d6	6.41	99	1132023	77.29	ng		0.00
23) Nitrobenzene-d5	7.34	82	1106867	78.85	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	214691	77.71	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1798527	85.30	ng		0.00
78) Terphenyl-d14	12.87	244	1740313	79.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	265218	43.12	ng	#	85
3) Pyridine	2.96	79	717428	45.87	ng	#	81
4) n-Nitrosodimethylamine	2.94	42	297384	40.50	ng		90
6) Aniline	6.42	93	759113	38.00	ng	#	70
8) 2-Chlorophenol	6.55	128	514035	40.93	ng		98
9) Benzaldehyde	6.31	77	357206	34.04	ng		92
10) Phenol	6.44	94	658904	38.45	ng		89
11) bis(2-Chloroethyl)ether	6.50	93	560875	41.01	ng		94
12) 1,3-Dichlorobenzene	6.70	146	574350m	39.05	ng		
13) 1,4-Dichlorobenzene	6.78	146	590581	39.67	ng		98
14) 1,2-Dichlorobenzene	6.94	146	531226	37.32	ng		95
15) Benzyl Alcohol	6.92	79	392512	36.20	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	959717	40.39	ng		91
17) 2-Methylphenol	7.04	107	422933	39.26	ng		93
18) Hexachloroethane	7.27	117	201377	39.63	ng		92
19) n-Nitroso-di-n-propylamine	7.19	70	362652	38.90	ng		95
20) 3+4-Methylphenols	7.20	107	570658	44.30	ng	#	76
22) Acetophenone	7.19	105	729372	40.86	ng	#	96
24) Nitrobenzene	7.36	77	654848	45.43	ng		98
25) Isophorone	7.60	82	1099396	42.03	ng		96
26) 2-Nitrophenol	7.68	139	304101	44.38	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	509641	42.35	ng		93
28) bis(2-Chloroethoxy)methane	7.81	93	685243	39.55	ng		97
29) 2,4-Dichlorophenol	7.92	162	441391	39.33	ng		85
30) 1,2,4-Trichlorobenzene	8.00	180	473369	39.14	ng		98
31) Naphthalene	8.08	128	1497629	37.79	ng		99
32) Benzoic acid	7.89	122	231758	37.96	ng		91
33) 4-Chloroaniline	8.14	127	635468	40.89	ng		98
34) Hexachlorobutadiene	8.18	225	234508	35.24	ng		99
35) Caprolactam	8.53	113	157473	44.61	ng	#	80
36) 4-Chloro-3-methylphenol	8.63	107	474300	40.53	ng		99
37) 2-Methylnaphthalene	8.77	142	991245	38.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	456471	42.57	ng		99
40) Hexachlorocyclopentadiene	8.92	237	82826	17.12	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	283032	40.17	ng		92
43) 2,4,5-Trichlorophenol	9.10	196	319601	41.40	ng		95
45) 1,1'-Biphenyl	9.22	154	1169689	42.29	ng		96
46) 2-Chloronaphthalene	9.26	162	983275	45.44	ng		98
47) 2-Nitroaniline	9.36	65	332976	45.77	ng		93
48) Acenaphthylene	9.67	152	1537208	41.12	ng		98
49) Dimethylphthalate	9.53	163	1041806	40.49	ng		99
50) 2,6-Dinitrotoluene	9.60	165	218247	39.28	ng	#	50
51) Acenaphthene	9.84	154	915859	40.98	ng		96
52) 3-Nitroaniline	9.77	138	259090	40.74	ng		94
53) 2,4-Dinitrophenol	9.90	184	124353	50.12	ng	#	80
54) Dibenzofuran	10.01	168	1185972	39.68	ng		92
55) 4-Nitrophenol	9.96	139	152835	33.37	ng	#	85
56) 2,4-Dinitrotoluene	10.01	165	271615	36.72	ng	#	85
57) Fluorene	10.36	166	1028182	44.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	234910	45.61	ng		91
59) Diethylphthalate	10.23	149	1044473	43.08	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	463473	41.95	ng	#	84
61) 4-Nitroaniline	10.39	138	269928	41.44	ng		93
62) Azobenzene	10.50	77	1153841	46.06	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	170403	51.09	ng	#	31
65) n-Nitrosodiphenylamine	10.47	169	899860	43.69	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	268055	39.80	ng	#	77
67) Hexachlorobenzene	10.90	284	271002	40.72	ng		93
68) Atrazine	11.00	200	255404	38.64	ng		98
69) Pentachlorophenol	11.11	266	92306	32.11	ng		98
70) Phenanthrene	11.32	178	1463952	39.64	ng		98
71) Anthracene	11.36	178	1372049	36.99	ng		98
72) Carbazole	11.52	167	1326474	37.41	ng		100
73) Di-n-butylphthalate	11.84	149	1550803	40.44	ng		98
74) Fluoranthene	12.49	202	1397502	36.68	ng		97
76) Benzidine	12.62	184	668760	30.33	ng		97
77) Pyrene	12.72	202	1453893	37.54	ng		100
79) Butylbenzylphthalate	13.34	149	669416	42.57	ng		91
80) Benzo(a)anthracene	13.91	228	1220286	38.56	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	442615	39.23	ng	#	97
82) Chrysene	13.96	228	1273799	42.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	941065	43.76	ng	#	96
84) Di-n-octyl phthalate	14.51	149	1532448	43.76	ng		97
85) Indeno(1,2,3-cd)pyrene	16.70	276	947766	41.29	ng	#	93
87) Benzo(b)fluoranthene	14.94	252	1253655m	40.76	ng		
88) Benzo(k)fluoranthene	14.96	252	916236m	34.50	ng		
89) Benzo(a)pyrene	15.27	252	1041145	39.13	ng	#	96
90) Dibenzo(a,h)anthracene	16.70	278	816040	37.95	ng	#	95
91) Benzo(g,h,i)perylene	17.11	276	840031	38.67	ng	#	93

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

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