Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085128.D
Acq On : 2 Mar 2016 19:23
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/3/2016 1:42:50 PM

Quant Time: Mar 03 04:17:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164643	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	629018	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	314162	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	546043	20.00	ng		0.00
75) Chrysene-d12	14.16	240	344628	20.00	ng		0.00
86) Perylene-d12	15.64	264	397834	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	774163	76.34	ng		0.00
7) Phenol-d6	6.62	99	1049926	78.97	ng		0.00
23) Nitrobenzene-d5	7.56	82	920815	77.88	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	289182	91.60	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1474854	69.14	ng		0.00
78) Terphenyl-d14	13.10	244	1210266	82.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	193830	38.57	ng		98
3) Pyridine	3.48	79	547072	42.41	ng		98
4) n-Nitrosodimethylamine	3.41	42	214764	36.59	ng		93
6) Aniline	6.65	93	699423	37.07	ng		97
8) 2-Chlorophenol	6.78	128	482300	41.26	ng		92
9) Benzaldehyde	6.54	77	253894	38.90	ng		97
10) Phenol	6.63	94	662955	44.57	ng		96
11) bis(2-Chloroethyl)ether	6.72	93	409137	34.70	ng		92
12) 1,3-Dichlorobenzene	6.94	146	494206	39.36	ng		96
13) 1,4-Dichlorobenzene	7.01	146	472773	36.94	ng		98
14) 1,2-Dichlorobenzene	7.17	146	495402	43.97	ng		96
15) Benzyl Alcohol	7.13	79	408270	42.13	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	660093	37.99	ng		100
17) 2-Methylphenol	7.24	107	369686	37.75	ng		99
18) Hexachloroethane	7.51	117	185859	39.29	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	347526	39.67	ng		98
20) 3+4-Methylphenols	7.40	107	481651	41.15	ng		89
22) Acetophenone	7.41	105	669408	42.31	ng	#	89
24) Nitrobenzene	7.58	77	546010	44.52	ng	#	88
25) Isophorone	7.82	82	925225	40.91	ng		95
26) 2-Nitrophenol	7.89	139	217358	39.63	ng	#	68
27) 2,4-Dimethylphenol	7.92	122	407610	38.35	ng		93
28) bis(2-Chloroethoxy)methane	8.02	93	564162	45.23	ng		100
29) 2,4-Dichlorophenol	8.13	162	343672	39.30	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	398460	41.80	ng		99
31) Naphthalene	8.30	128	1218161	38.29	ng		99
32) Benzoic acid	8.04	122	298306	48.30	ng		97
33) 4-Chloroaniline	8.34	127	512182	40.73	ng		98
34) Hexachlorobutadiene	8.42	225	236717	42.81	ng		99
35) Caprolactam	8.72	113	120959	44.07	ng	#	86
36) 4-Chloro-3-methylphenol	8.82	107	423998	43.85	ng		91
37) 2-Methylnaphthalene	9.00	142	823609	42.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	372734	38.53	ng		99
40) Hexachlorocyclopentadiene	9.14	237	168334	30.56	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	265830	40.81	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	266909	42.76	ng		96
45) 1,1'-Biphenyl	9.45	154	1009990	36.22	ng		96
46) 2-Chloronaphthalene	9.48	162	765981	37.66	ng		95
47) 2-Nitroaniline	9.57	65	218008	34.14	ng	#	70
48) Acenaphthylene	9.90	152	1282423	42.42	ng		99
49) Dimethylphthalate	9.75	163	855186	36.71	ng		100
50) 2,6-Dinitrotoluene	9.82	165	206764	42.80	ng	#	67
51) Acenaphthene	10.07	154	784854	41.35	ng		100
52) 3-Nitroaniline	9.98	138	200231	34.89	ng		85
53) 2,4-Dinitrophenol	10.08	184	53071	36.93	ng	#	10
54) Dibenzofuran	10.24	168	1041997	42.29	ng		94
55) 4-Nitrophenol	10.13	139	144036	32.71	ng	#	53
56) 2,4-Dinitrotoluene	10.22	165	279915	43.01	ng	#	70
57) Fluorene	10.58	166	853945	44.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	208853	44.17	ng		94
59) Diethylphthalate	10.45	149	869926	38.97	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	416518	41.71	ng		95
61) 4-Nitroaniline	10.60	138	223060	41.47	ng		96
62) Azobenzene	10.73	77	882418	39.12	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	92728	31.22	ng	#	53
65) n-Nitrosodiphenylamine	10.69	169	667681	38.80	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	269142	46.94	ng	#	90
67) Hexachlorobenzene	11.13	284	282381	43.63	ng	#	91
68) Atrazine	11.21	200	211136	40.21	ng		99
69) Pentachlorophenol	11.32	266	138972	36.59	ng		99
70) Phenanthrene	11.54	178	1141391	42.02	ng		99
71) Anthracene	11.59	178	1166966	38.26	ng		97
72) Carbazole	11.75	167	1062364	40.02	ng		97
73) Di-n-butylphthalate	12.08	149	1315511	41.64	ng		99
74) Fluoranthene	12.73	202	1112581	37.32	ng		95
76) Benzidine	12.85	184	471491	45.25	ng		99
77) Pyrene	12.96	202	1077730	45.81	ng		97
79) Butylbenzylphthalate	13.57	149	431944	43.36	ng	#	61
80) Benzo(a)anthracene	14.15	228	818811	40.92	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	310930	49.72	ng	#	97
82) Chrysene	14.19	228	834170	45.65	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	554176	48.18	ng		99
84) Di-n-octyl phthalate	14.75	149	936147	54.83	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	990785	64.13	ng		99
87) Benzo(b)fluoranthene	15.20	252	834554	34.45	ng		99
88) Benzo(k)fluoranthene	15.24	252	825011m	39.32	ng		
89) Benzo(a)pyrene	15.57	252	828408	40.66	ng		99
90) Dibenzo(a,h)anthracene	17.15	278	837606	45.64	ng		98
91) Benzo(g,h,i)perylene	17.58	276	786643	42.16	ng		98

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

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