Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100131.D
Acq On : 3 Nov 2017 13:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/4/2017 2:18:42 PM

Quant Time: Nov 03 15:49:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	98096	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	404848	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	186217	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	304764	20.00	ng		0.00
75) Chrysene-d12	13.95	240	191097	20.00	ng		0.00
86) Perylene-d12	15.41	264	172623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	521517	83.47	ng		0.00
7) Phenol-d6	6.43	99	594984	80.31	ng		0.00
23) Nitrobenzene-d5	7.35	82	489340	77.82	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	128433	75.68	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	956005	79.21	ng		0.00
78) Terphenyl-d14	12.88	244	737468	84.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	109413	39.654	ng	#	86
3) Pyridine	3.22	79	266909m	40.226	ng		
4) n-Nitrosodimethylamine	3.20	42	96625	40.762	ng	#	67
6) Aniline	6.45	93	375513	39.090	ng	#	90
8) 2-Chlorophenol	6.56	128	275922	41.434	ng		92
9) Benzaldehyde	6.33	77	157087	35.482	ng		88
10) Phenol	6.44	94	321691	39.547	ng	#	67
11) bis(2-Chloroethyl)ether	6.51	93	258049	41.081	ng		94
12) 1,3-Dichlorobenzene	6.71	146	303514m	40.592	ng		
13) 1,4-Dichlorobenzene	6.79	146	311171	41.004	ng		98
14) 1,2-Dichlorobenzene	6.94	146	280491	40.555	ng		98
15) Benzyl Alcohol	6.93	79	185763	39.426	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	272031	38.985	ng	#	8
17) 2-Methylphenol	7.04	107	229037	41.117	ng		95
18) Hexachloroethane	7.27	117	102591	40.521	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	172406	39.709	ng		89
20) 3+4-Methylphenols	7.20	107	276702	42.661	ng	#	79
22) Acetophenone	7.19	105	365734	39.676	ng	#	94
24) Nitrobenzene	7.37	77	248655	39.244	ng		90
25) Isophorone	7.60	82	451013	39.525	ng		97
26) 2-Nitrophenol	7.68	139	154846	42.669	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	219623	41.074	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	319561	39.988	ng		99
29) 2,4-Dichlorophenol	7.93	162	237188	42.701	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	238062	40.112	ng		99
31) Naphthalene	8.07	128	775221	39.669	ng		100
32) Benzoic acid	7.90	122	184377	39.175	ng		93
33) 4-Chloroaniline	8.14	127	316621	39.236	ng	#	92
34) Hexachlorobutadiene	8.18	225	124401	40.751	ng		97
35) Caprolactam	8.53	113	68724m	39.343	ng		
36) 4-Chloro-3-methylphenol	8.63	107	226431	39.939	ng		93
37) 2-Methylnaphthalene	8.77	142	516117	39.410	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	246548	40.993	ng	#	98
40) Hexachlorocyclopentadiene	8.91	237	45639	45.911	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	147874	40.647	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	148337	38.424	ng	#	93
45) 1,1'-Biphenyl	9.23	154	663235	39.370	ng		97
46) 2-Chloronaphthalene	9.26	162	484825	39.629	ng		95
47) 2-Nitroaniline	9.37	65	124996	38.928	ng		88
48) Acenaphthylene	9.67	152	730208	38.752	ng		100
49) Dimethylphthalate	9.53	163	542497	36.787	ng		100
50) 2,6-Dinitrotoluene	9.62	165	122173	39.409	ng	#	72
51) Acenaphthene	9.85	154	447159	38.838	ng		98
52) 3-Nitroaniline	9.79	138	141504	38.738	ng		91
53) 2,4-Dinitrophenol	9.92	184	46021m	40.652	ng		
54) Dibenzofuran	10.02	168	641017	39.442	ng		99
55) 4-Nitrophenol	9.97	139	62329	32.657	ng		81
56) 2,4-Dinitrotoluene	10.03	165	154629	41.417	ng	#	79
57) Fluorene	10.36	166	514311	38.221	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	105891	39.121	ng		92
59) Diethylphthalate	10.23	149	538498	37.393	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	247832	39.134	ng		94
61) 4-Nitroaniline	10.41	138	135667	38.928	ng		82
62) Azobenzene	10.51	77	443777	36.761	ng		89
64) 4,6-Dinitro-2-methylphenol	10.45	198	78704	41.082	ng	#	71
65) n-Nitrosodiphenylamine	10.47	169	469145	41.701	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	136712	42.610	ng		96
67) Hexachlorobenzene	10.91	284	135688	41.338	ng		95
68) Atrazine	11.00	200	138381	40.948	ng		96
69) Pentachlorophenol	11.12	266	54457	38.827	ng		99
70) Phenanthrene	11.33	178	658517	38.287	ng		98
71) Anthracene	11.38	178	677470	38.805	ng		99
72) Carbazole	11.54	167	624051	38.012	ng		99
73) Di-n-butylphthalate	11.85	149	808963	38.632	ng	#	98
74) Fluoranthene	12.52	202	624586	34.944	ng		99
76) Benzidine	12.64	184	311629	37.268	ng		98
77) Pyrene	12.75	202	616925	42.456	ng		98
79) Butylbenzylphthalate	13.35	149	295793	41.338	ng		87
80) Benzo(a)anthracene	13.94	228	469311	38.740	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	159827	36.346	ng		98
82) Chrysene	13.98	228	437053	38.375	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	377613	37.579	ng		99
84) Di-n-octyl phthalate	14.51	149	638343	37.012	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.88	276	390216	37.322	ng		96
87) Benzo(b)fluoranthene	14.99	252	428444	39.306	ng		97
88) Benzo(k)fluoranthene	15.02	252	396962	38.620	ng		99
89) Benzo(a)pyrene	15.35	252	380717	38.882	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	333073	38.282	ng		96
91) Benzo(g,h,i)perylene	17.32	276	326882	38.402	ng		97

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

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