Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
Data File : BM011226.D
Acq On : 14 Aug 2017 12:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/15/2017 6:42:25 PM

Quant Time: Aug 14 16:07:01 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 16:03:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	137790	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	532808	20.00	ng		0.00
38) Acenaphthene-d10	13.96	164	381997	20.00	ng		0.00
63) Phenanthrene-d10	16.72	188	1003985	20.00	ng		0.00
75) Chrysene-d12	20.94	240	1273665	20.00	ng		0.00
86) Perylene-d12	23.02	264	1180792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	607079	74.48	ng		0.00
7) Phenol-d6	6.49	99	875122	75.56	ng		0.00
23) Nitrobenzene-d5	8.44	82	1274656	89.79	ng		0.00
41) 2,4,6-Tribromophenol	15.46	330	470431	76.84	ng		0.00
44) 2-Fluorobiphenyl	12.56	172	2291028	75.22	ng		0.00
78) Terphenyl-d14	19.39	244	4713990	73.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	160444	43.840	ng	#	100
3) Pyridine	3.30	79	431922	43.207	ng		87
4) n-Nitrosodimethylamine	3.23	42	253742	49.809	ng	#	70
6) Aniline	6.64	93	561893	38.495	ng	#	84
8) 2-Chlorophenol	6.86	128	294720	35.613	ng	#	66
9) Benzaldehyde	6.45	77	282101	37.647	ng	#	69
10) Phenol	6.52	94	466901	37.117	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	372956	38.052	ng		87
12) 1,3-Dichlorobenzene	7.18	146	376998	37.380	ng	#	73
13) 1,4-Dichlorobenzene	7.32	146	380368	36.793	ng	#	88
14) 1,2-Dichlorobenzene	7.63	146	350594	35.470	ng	#	77
15) Benzyl Alcohol	7.54	79	444677	40.025	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.83	45	386314	43.801	ng		79
17) 2-Methylphenol	7.75	107	302181	37.587	ng	#	70
18) Hexachloroethane	8.35	117	182145	40.402	ng	#	82
19) n-Nitroso-di-n-propylamine	8.10	70	432903	43.987	ng	#	89
20) 3+4-Methylphenols	8.07	107	408593	36.562	ng	#	76
22) Acetophenone	8.11	105	613487	38.412	ng	#	87
24) Nitrobenzene	8.48	77	656191	44.606	ng	#	81
25) Isophorone	9.00	82	1000827	42.283	ng	#	83
26) 2-Nitrophenol	9.18	139	176082	37.618	ng	#	1
27) 2,4-Dimethylphenol	9.26	122	303172	36.793	ng	#	67
28) bis(2-Chloroethoxy)methane	9.49	93	527091	39.926	ng		98
29) 2,4-Dichlorophenol	9.71	162	338756	36.586	ng		92
30) 1,2,4-Trichlorobenzene	9.92	180	451110	39.403	ng		99
31) Naphthalene	10.10	128	990084	36.938	ng		97
32) Benzoic acid	9.42	122	227922m	34.413	ng		
33) 4-Chloroaniline	10.22	127	357398	33.425	ng	#	59
34) Hexachlorobutadiene	10.39	225	403656	44.766	ng		99
35) Caprolactam	11.02	113	91720	34.930	ng	#	91
36) 4-Chloro-3-methylphenol	11.36	107	463615	38.777	ng	#	71
37) 2-Methylnaphthalene	11.72	142	741752	37.671	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.11	216	646462	39.390	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	357455	37.379	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.36	196	375801	37.832	ng		94
43) 2,4,5-Trichlorophenol	12.44	196	380422	37.183	ng	#	86
45) 1,1'-Biphenyl	12.77	154	1231606	37.287	ng		95
46) 2-Chloronaphthalene	12.81	162	890078	36.574	ng	#	90
47) 2-Nitroaniline	13.04	65	387755	45.037	ng	#	62
48) Acenaphthylene	13.67	152	1352289	37.233	ng		99
49) Dimethylphthalate	13.44	163	1180337	36.120	ng	#	99
50) 2,6-Dinitrotoluene	13.55	165	246200	37.257	ng	#	26
51) Acenaphthene	14.02	154	849388	37.770	ng		99
52) 3-Nitroaniline	13.88	138	188709	32.908	ng	#	18
53) 2,4-Dinitrophenol	14.10	184	155306	33.069	ng	#	77
54) Dibenzofuran	14.36	168	1391157	38.178	ng	#	91
55) 4-Nitrophenol	14.22	139	111462	22.124	ng	#	63
56) 2,4-Dinitrotoluene	14.35	165	347404	37.448	ng	#	71
57) Fluorene	15.02	166	1216401	38.342	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	364730	38.034	ng	#	100
59) Diethylphthalate	14.82	149	1247060	37.367	ng		99
60) 4-Chlorophenyl-phenylether	15.03	204	723288	37.761	ng		97
61) 4-Nitroaniline	15.06	138	143919	23.629	ng	#	1
62) Azobenzene	15.32	77	1670649	46.774	ng		85
64) 4,6-Dinitro-2-methylphenol	15.12	198	253995	37.370	ng		91
65) n-Nitrosodiphenylamine	15.24	169	1063823	37.025	ng		99
66) 4-Bromophenyl-phenylether	15.92	248	488147	37.821	ng	#	83
67) Hexachlorobenzene	16.03	284	546441	37.467	ng	#	87
68) Atrazine	16.22	200	418185	36.319	ng		97
69) Pentachlorophenol	16.37	266	333930	36.064	ng		98
70) Phenanthrene	16.76	178	2029384	38.603	ng		98
71) Anthracene	16.85	178	2021653	38.559	ng		98
72) Carbazole	17.13	167	1726159	37.647	ng		99
73) Di-n-butylphthalate	17.72	149	2176268	38.976	ng	#	97
74) Fluoranthene	18.79	202	2634312	40.436	ng		98
76) Benzidine	19.01	184	672532m	22.072	ng		
77) Pyrene	19.16	202	2738232	36.182	ng		98
79) Butylbenzylphthalate	20.10	149	986576	36.660	ng	#	50
80) Benzo(a)anthracene	20.93	228	2763344	37.997	ng		99
81) 3,3'-Dichlorobenzidine	20.88	252	1028074	36.035	ng	#	98
82) Chrysene	20.98	228	2671244	38.265	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	1470539	37.144	ng	#	99
84) Di-n-octyl phthalate	21.74	149	2511028	39.079	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.04	276	2997670	41.462	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	2809530	37.072	ng	#	93
88) Benzo(k)fluoranthene	22.45	252	2754314	37.919	ng	#	95
89) Benzo(a)pyrene	22.93	252	2589207	37.757	ng	#	95
90) Dibenzo(a,h)anthracene	25.06	278	2383730	37.497	ng	#	90
91) Benzo(g,h,i)perylene	25.66	276	2406270	38.547	ng	#	83

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

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