Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
Data File : BM011310.D
Acq On : 19 Aug 2017 10:12
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/21/2017 5:20:46 PM

Quant Time: Aug 21 01:49:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	156964	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	585796	20.00	ng		-0.02
38) Acenaphthene-d10	13.94	164	415638	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	1031716	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1133847	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1040092	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	780543	84.06	ng		-0.02
7) Phenol-d6	6.48	99	1211904	91.86	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1614492	103.44	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	532106	79.87	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	2723763	82.19	ng		-0.02
78) Terphenyl-d14	19.37	244	5102776	89.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	170775	40.962	ng	#	100
3) Pyridine	3.28	79	491650	43.174	ng		88
4) n-Nitrosodimethylamine	3.20	42	260309	44.856	ng	#	78
6) Aniline	6.62	93	737463	44.352	ng	#	85
8) 2-Chlorophenol	6.84	128	393140	41.703	ng	#	75
9) Benzaldehyde	6.43	77	357494	41.880	ng	#	73
10) Phenol	6.50	94	659381	46.016	ng		96
11) bis(2-Chloroethyl)ether	6.72	93	487399	43.654	ng		86
12) 1,3-Dichlorobenzene	7.16	146	461433	40.163	ng	#	76
13) 1,4-Dichlorobenzene	7.30	146	486729	41.330	ng	#	90
14) 1,2-Dichlorobenzene	7.61	146	451511	40.100	ng	#	90
15) Benzyl Alcohol	7.52	79	562212	44.422	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.80	45	506613	50.424	ng		81
17) 2-Methylphenol	7.72	107	395628	43.199	ng	#	72
18) Hexachloroethane	8.32	117	209190	40.732	ng	#	82
19) n-Nitroso-di-n-propylamine	8.08	70	559333	49.891	ng	#	88
20) 3+4-Methylphenols	8.05	107	558297	43.855	ng	#	79
22) Acetophenone	8.09	105	798527	45.475	ng	#	89
24) Nitrobenzene	8.46	77	834670	51.607	ng	#	81
25) Isophorone	8.98	82	1350727	51.904	ng	#	85
26) 2-Nitrophenol	9.16	139	220095	42.768	ng	#	2
27) 2,4-Dimethylphenol	9.23	122	402078	44.382	ng	#	70
28) bis(2-Chloroethoxy)methane	9.47	93	681202m	46.933	ng		
29) 2,4-Dichlorophenol	9.69	162	437988	43.024	ng		92
30) 1,2,4-Trichlorobenzene	9.89	180	547451	43.493	ng		98
31) Naphthalene	10.07	128	1248658	42.371	ng		99
32) Benzoic acid	9.39	122	298376	40.975	ng	#	41
33) 4-Chloroaniline	10.20	127	478438	40.697	ng	#	69
34) Hexachlorobutadiene	10.36	225	435259	43.904	ng		98
35) Caprolactam	10.99	113	132471	45.886	ng	#	82
36) 4-Chloro-3-methylphenol	11.34	107	615120	46.795	ng	#	68
37) 2-Methylnaphthalene	11.70	142	908393	41.961	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	753605	42.202	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	386566	37.151	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	454274	42.030	ng		99
43) 2,4,5-Trichlorophenol	12.42	196	468824	42.115	ng	#	84
45) 1,1'-Biphenyl	12.76	154	1443947	40.177	ng		96
46) 2-Chloronaphthalene	12.79	162	1077286	40.683	ng		94
47) 2-Nitroaniline	13.02	65	484906	51.763	ng	#	64
48) Acenaphthylene	13.65	152	1649564	41.742	ng		99
49) Dimethylphthalate	13.42	163	1464091	41.177	ng	#	99
50) 2,6-Dinitrotoluene	13.53	165	305082	42.431	ng	#	44
51) Acenaphthene	14.00	154	996874	40.741	ng		99
52) 3-Nitroaniline	13.86	138	259382	41.572	ng	#	15
53) 2,4-Dinitrophenol	14.07	184	215638	42.200	ng	#	73
54) Dibenzofuran	14.35	168	1615664	40.751	ng		92
55) 4-Nitrophenol	14.20	139	188833m	34.447	ng		
56) 2,4-Dinitrotoluene	14.33	165	440733	43.663	ng	#	77
57) Fluorene	15.00	166	1421372	41.176	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.58	232	436283	41.813	ng	#	100
59) Diethylphthalate	14.80	149	1516155	41.753	ng		98
60) 4-Chlorophenyl-phenylether	15.00	204	836975	40.159	ng		98
61) 4-Nitroaniline	15.04	138	214505	32.367	ng	#	1
62) Azobenzene	15.30	77	1880385	48.385	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	320403	45.873	ng		93
65) n-Nitrosodiphenylamine	15.23	169	1246317	42.211	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	556443	41.954	ng	#	89
67) Hexachlorobenzene	16.00	284	615901	41.095	ng	#	86
68) Atrazine	16.20	200	480354	40.597	ng		97
69) Pentachlorophenol	16.36	266	403303	42.386	ng		99
70) Phenanthrene	16.74	178	2303317	42.636	ng		100
71) Anthracene	16.83	178	2305271	42.787	ng		99
72) Carbazole	17.12	167	2023513	42.946	ng		99
73) Di-n-butylphthalate	17.70	149	2419315	42.164	ng	#	96
74) Fluoranthene	18.77	202	2958521	44.192	ng		98
76) Benzidine	18.99	184	831011m	30.637	ng		
77) Pyrene	19.14	202	2995681	44.465	ng		99
79) Butylbenzylphthalate	20.09	149	1054785	44.028	ng	#	53
80) Benzo(a)anthracene	20.91	228	2744109	42.385	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	1095033	43.115	ng	#	98
82) Chrysene	20.96	228	2581595	41.541	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1474686	41.842	ng	#	99
84) Di-n-octyl phthalate	21.72	149	2398044	41.923	ng	#	90
85) Indeno(1,2,3-cd)pyrene	25.00	276	2908875	45.195	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2589015	38.784	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2560128	40.014	ng	#	95
89) Benzo(a)pyrene	22.91	252	2452617	40.604	ng	#	94
90) Dibenzo(a,h)anthracene	25.02	278	2373922	42.394	ng	#	91
91) Benzo(g,h,i)perylene	25.61	276	2325617	42.295	ng	#	85

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

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