Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011063.D
Acq On : 31 Jul 2017 12:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/1/2017 5:45:55 PM

Quant Time: Jul 31 14:32:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	144450	20.00	ng		0.00
21) Naphthalene-d8	10.14	136	690816	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	557647	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1537183	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	1461264	20.00	ng		0.00
86) Perylene-d12	23.13	264	1207577	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	664850	77.80	ng		0.00
7) Phenol-d6	6.58	99	995071	81.96	ng		-0.01
23) Nitrobenzene-d5	8.53	82	1534837	83.39	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	769819	86.13	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	3354903	75.45	ng		-0.01
78) Terphenyl-d14	19.46	244	6657586	90.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	150732	39.287	ng	#	100
3) Pyridine	3.40	79	429113	40.947	ng		89
4) n-Nitrosodimethylamine	3.32	42	253870	47.536	ng	#	66
6) Aniline	6.73	93	652456	42.639	ng	#	85
8) 2-Chlorophenol	6.96	128	346238	39.910	ng	#	79
9) Benzaldehyde	6.55	77	264618	33.686	ng	#	77
10) Phenol	6.60	94	534318	40.518	ng		92
11) bis(2-Chloroethyl)ether	6.83	93	421088	40.982	ng		89
12) 1,3-Dichlorobenzene	7.28	146	423498	40.055	ng	#	78
13) 1,4-Dichlorobenzene	7.42	146	424928	39.209	ng	#	89
14) 1,2-Dichlorobenzene	7.73	146	414666	40.018	ng	#	88
15) Benzyl Alcohol	7.63	79	502191	43.117	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.92	45	416490	45.045	ng		79
17) 2-Methylphenol	7.83	107	368082	43.673	ng	#	76
18) Hexachloroethane	8.44	117	194413	41.135	ng	#	83
19) n-Nitroso-di-n-propylamine	8.19	70	512237	49.649	ng	#	93
20) 3+4-Methylphenols	8.16	107	523189	44.657	ng	#	80
22) Acetophenone	8.20	105	793552	38.321	ng	#	91
24) Nitrobenzene	8.58	77	795575	41.711	ng	#	83
25) Isophorone	9.10	82	1293554	42.150	ng	#	84
26) 2-Nitrophenol	9.27	139	231073	38.075	ng	#	12
27) 2,4-Dimethylphenol	9.35	122	417830	39.110	ng	#	70
28) bis(2-Chloroethoxy)methane	9.59	93	697928	40.775	ng		99
29) 2,4-Dichlorophenol	9.80	162	484134	40.327	ng		93
30) 1,2,4-Trichlorobenzene	10.01	180	569037	38.335	ng		99
31) Naphthalene	10.19	128	1356566	39.035	ng		98
32) Benzoic acid	9.51	122	336279	39.160	ng	#	52
33) 4-Chloroaniline	10.32	127	555651	40.080	ng	#	69
34) Hexachlorobutadiene	10.48	225	472624	40.426	ng		98
35) Caprolactam	11.11	113	153599	45.116	ng		93
36) 4-Chloro-3-methylphenol	11.45	107	690883	44.569	ng	#	71
37) 2-Methylnaphthalene	11.82	142	1077941	42.223	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	915090	38.195	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	510168	36.544	ng		96

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42) 2,4,6-Trichlorophenol	12.45	196	553576	38.175	ng		97
43) 2,4,5-Trichlorophenol	12.52	196	585642	39.212	ng	#	83
45) 1,1'-Biphenyl	12.86	154	1831706	37.987	ng		97
46) 2-Chloronaphthalene	12.90	162	1336299	37.614	ng		94
47) 2-Nitroaniline	13.12	65	565000	44.953	ng	#	64
48) Acenaphthylene	13.76	152	2114571	39.883	ng		98
49) Dimethylphthalate	13.52	163	1901194	39.854	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	391493	40.583	ng	#	51
51) Acenaphthene	14.11	154	1320811	40.233	ng		99
52) 3-Nitroaniline	13.96	138	333428	39.831	ng	#	35
53) 2,4-Dinitrophenol	14.17	184	269463	39.304	ng	#	80
54) Dibenzofuran	14.45	168	2181342	41.008	ng	#	89
55) 4-Nitrophenol	14.29	139	275001	37.391	ng		96
56) 2,4-Dinitrotoluene	14.43	165	570740	42.144	ng		87
57) Fluorene	15.10	166	1952523	42.159	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.68	232	583223	41.661	ng	#	100
59) Diethylphthalate	14.90	149	2113717	43.386	ng		99
60) 4-Chlorophenyl-phenylether	15.10	204	1164249	41.637	ng		96
61) 4-Nitroaniline	15.14	138	347029	39.029	ng	#	1
62) Azobenzene	15.40	77	2406382	46.151	ng		87
64) 4,6-Dinitro-2-methylphenol	15.20	198	409586	39.359	ng		91
65) n-Nitrosodiphenylamine	15.33	169	1715806	39.003	ng		100
66) 4-Bromophenyl-phenylether	16.00	248	791112	40.034	ng	#	90
67) Hexachlorobenzene	16.11	284	874013	39.141	ng	#	87
68) Atrazine	16.29	200	650629	36.906	ng		95
69) Pentachlorophenol	16.46	266	564592	39.825	ng		96
70) Phenanthrene	16.85	178	3192948	39.669	ng		99
71) Anthracene	16.93	178	3238527	40.343	ng		99
72) Carbazole	17.21	167	2729395	38.879	ng		100
73) Di-n-butylphthalate	17.80	149	3394392	39.705	ng	#	95
74) Fluoranthene	18.87	202	3812334	38.220	ng		99
76) Benzidine	19.08	184	1120309m	32.048	ng		
77) Pyrene	19.24	202	3834752	44.166	ng		98
79) Butylbenzylphthalate	20.18	149	1296110	41.979	ng	#	69
80) Benzo(a)anthracene	21.00	228	3317668	39.763	ng		100
81) 3,3'-Dichlorobenzidine	20.95	252	1235272	37.739	ng	#	97
82) Chrysene	21.06	228	3183555	39.749	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	1791606	39.444	ng		98
84) Di-n-octyl phthalate	21.82	149	2836339	38.475	ng		99
85) Indeno(1,2,3-cd)pyrene	25.20	276	3044267	36.701	ng	#	96
87) Benzo(b)fluoranthene	22.51	252	2981836	38.473	ng	#	93
88) Benzo(k)fluoranthene	22.55	252	3046782	41.015	ng	#	94
89) Benzo(a)pyrene	23.04	252	2826999	40.310	ng	#	94
90) Dibenzo(a,h)anthracene	25.22	278	2499451	38.445	ng	#	91
91) Benzo(g,h,i)perylene	25.83	276	2440508	38.228	ng	#	85

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

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