Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000741.D
Acq On : 18 Apr 2018 16:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/19/2018 5:43:00 PM

Quant Time: Apr 19 04:38:41 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	146769	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	634679	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	324741	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	625842	20.00	ng		0.00
75) Chrysene-d12	21.22	240	495333	20.00	ng		0.00
86) Perylene-d12	23.41	264	473001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	813304	82.32	ng		0.00
7) Phenol-d6	6.81	99	1116745	82.94	ng		0.00
23) Nitrobenzene-d5	8.78	82	1023813	84.09	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	287921	88.07	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	1920380	81.63	ng		0.00
78) Terphenyl-d14	19.66	244	1916343	83.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	177081	39.076	ng		94
3) Pyridine	3.63	79	503281	42.160	ng		97
4) n-Nitrosodimethylamine	3.55	42	136683	41.637	ng	#	85
6) Aniline	6.97	93	739130	41.379	ng		94
8) 2-Chlorophenol	7.20	128	421341	41.235	ng		91
9) Benzaldehyde	6.79	77	259502	41.763	ng		92
10) Phenol	6.84	94	583745	41.132	ng		86
11) bis(2-Chloroethyl)ether	7.07	93	475692	40.970	ng		85
12) 1,3-Dichlorobenzene	7.52	146	485781	40.932	ng		99
13) 1,4-Dichlorobenzene	7.67	146	492086	40.840	ng		97
14) 1,2-Dichlorobenzene	7.98	146	470766	40.932	ng		96
15) Benzyl Alcohol	7.87	79	403918	43.618	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	494776	40.124	ng		79
17) 2-Methylphenol	8.07	107	399601	41.884	ng		96
18) Hexachloroethane	8.70	117	184016	41.444	ng	#	84
19) n-Nitroso-di-n-propylamine	8.44	70	356473	42.561	ng	#	81
20) 3+4-Methylphenols	8.40	107	554311	42.276	ng		94
22) Acetophenone	8.45	105	744036	40.911	ng	#	88
24) Nitrobenzene	8.82	77	538012	41.212	ng	#	96
25) Isophorone	9.34	82	931363	42.220	ng		98
26) 2-Nitrophenol	9.52	139	224706	42.015	ng		91
27) 2,4-Dimethylphenol	9.59	122	362379	41.505	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	584482	40.640	ng		97
29) 2,4-Dichlorophenol	10.05	162	363492	42.277	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	424001	40.915	ng		97
31) Naphthalene	10.45	128	1375470	40.310	ng		98
32) Benzoic acid	9.75	122	323417	40.424	ng		92
33) 4-Chloroaniline	10.56	127	577996	41.484	ng		97
34) Hexachlorobutadiene	10.74	225	234278	41.624	ng		97
35) Caprolactam	11.34	113	127372	42.820	ng		96
36) 4-Chloro-3-methylphenol	11.69	107	432809	42.635	ng		99
37) 2-Methylnaphthalene	12.06	142	911598	40.782	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	416080	41.316	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	253499	42.923	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	264285	43.266	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	305590	43.315	ng	#	94
45) 1,1'-Biphenyl	13.09	154	1182725	40.689	ng		97
46) 2-Chloronaphthalene	13.13	162	895619	41.095	ng		97
47) 2-Nitroaniline	13.33	65	270098	42.720	ng		90
48) Acenaphthylene	13.98	152	1433963	41.506	ng		97
49) Dimethylphthalate	13.73	163	1070965	41.268	ng		99
50) 2,6-Dinitrotoluene	13.85	165	229627	41.775	ng		93
51) Acenaphthene	14.33	154	848471	40.290	ng		99
52) 3-Nitroaniline	14.17	138	256540	41.007	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	109553	41.298	ng		95
54) Dibenzofuran	14.67	168	1232979	40.223	ng		96
55) 4-Nitrophenol	14.48	139	194189	41.802	ng	#	84
56) 2,4-Dinitrotoluene	14.63	165	300983	41.824	ng		91
57) Fluorene	15.32	166	976620	40.299	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	229878m	42.388	ng		
59) Diethylphthalate	15.11	149	1059143	41.180	ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	455344	40.195	ng		94
61) 4-Nitroaniline	15.34	138	252742	41.069	ng		95
62) Azobenzene	15.61	77	1125382	40.863	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	162603	42.064	ng		87
65) n-Nitrosodiphenylamine	15.53	169	861851	41.016	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	264699	41.631	ng	#	91
67) Hexachlorobenzene	16.32	284	301696	40.981	ng	#	91
68) Atrazine	16.49	200	250740	44.048	ng		94
69) Pentachlorophenol	16.66	266	199127	41.861	ng		98
70) Phenanthrene	17.05	178	1439580	39.718	ng		100
71) Anthracene	17.15	178	1447546	40.779	ng		98
72) Carbazole	17.42	167	1350433	40.482	ng		97
73) Di-n-butylphthalate	18.00	149	1634526	43.001	ng		99
74) Fluoranthene	19.07	202	1450423	39.702	ng		92
76) Benzidine	19.27	184	636676	47.461	ng		95
77) Pyrene	19.44	202	1501821	42.090	ng		99
79) Butylbenzylphthalate	20.37	149	641984	42.708	ng		95
80) Benzo(a)anthracene	21.20	228	1274715	40.834	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	417407	42.478	ng	#	97
82) Chrysene	21.26	228	1229535	40.684	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	964226	41.994	ng	#	94
84) Di-n-octyl phthalate	22.04	149	1389027	42.282	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.26	276	1063548	40.918	ng	#	92
87) Benzo(b)fluoranthene	22.76	252	1165728	40.561	ng	#	96
88) Benzo(k)fluoranthene	22.80	252	1189906	41.572	ng	#	96
89) Benzo(a)pyrene	23.32	252	1098299	41.878	ng	#	94
90) Dibenzo(a,h)anthracene	25.61	278	1094426	42.351	ng	#	93
91) Benzo(g,h,i)perylene	26.26	276	1063548	42.154	ng	#	89

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

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