Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002135.D
Acq On : 25 Jul 2018 14:39
Operator : JU/SJ
Sample : SSTDICC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:28 AM

Quant Time: Jul 25 19:54:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 19:40:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	220635	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	944428	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	517242	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1074476	20.00	ng		0.00
75) Chrysene-d12	21.27	240	986338	20.00	ng		0.00
86) Perylene-d12	23.50	264	973027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1102145	80.42	ng		0.00
7) Phenol-d6	6.88	99	1555951	80.90	ng		0.00
23) Nitrobenzene-d5	8.85	82	1492722	81.06	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	530591	79.00	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	3254267	81.95	ng		0.00
78) Terphenyl-d14	19.71	244	3632387	76.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	204617	39.770	ng	#	80
3) Pyridine	3.66	79	614198	41.213	ng	#	67
4) n-Nitrosodimethylamine	3.59	42	247369	38.695	ng	#	72
6) Aniline	7.03	93	939084	39.973	ng		98
8) 2-Chlorophenol	7.26	128	640008	40.268	ng		93
9) Benzaldehyde	6.85	77	466874	39.245	ng		91
10) Phenol	6.90	94	790589	40.104	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	638213	39.775	ng		95
12) 1,3-Dichlorobenzene	7.58	146	726669	40.119	ng		99
13) 1,4-Dichlorobenzene	7.73	146	738625	39.861	ng		97
14) 1,2-Dichlorobenzene	8.04	146	708168	39.616	ng		97
15) Benzyl Alcohol	7.93	79	576336	39.714	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1009089	38.945	ng		93
17) 2-Methylphenol	8.14	107	535031	39.754	ng		96
18) Hexachloroethane	8.76	117	271880	40.090	ng		91
19) n-Nitroso-di-n-propylamine	8.50	70	533830	38.268	ng	#	97
20) 3+4-Methylphenols	8.46	107	743850	39.614	ng		96
22) Acetophenone	8.51	105	980286	40.033	ng		96
24) Nitrobenzene	8.89	77	768264	40.253	ng		94
25) Isophorone	9.40	82	1239542	39.200	ng		96
26) 2-Nitrophenol	9.59	139	376731	40.862	ng		97
27) 2,4-Dimethylphenol	9.66	122	519860	40.544	ng		95
28) bis(2-Chloroethoxy)methane	9.89	93	805613	39.441	ng		97
29) 2,4-Dichlorophenol	10.12	162	602056	40.266	ng		95
30) 1,2,4-Trichlorobenzene	10.33	180	681087	40.222	ng		99
31) Naphthalene	10.52	128	1894616	39.749	ng		98
32) Benzoic acid	9.81	122	420862m	40.901	ng		
33) 4-Chloroaniline	10.63	127	846698	39.924	ng		98
34) Hexachlorobutadiene	10.80	225	418116	40.322	ng		98
35) Caprolactam	11.41	113	194474	38.112	ng	#	66
36) 4-Chloro-3-methylphenol	11.76	107	665376	39.136	ng		95
37) 2-Methylnaphthalene	12.13	142	1318159	39.212	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	724810	41.675	ng		99
40) Hexachlorocyclopentadiene	12.48	237	432607	44.041	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	479716	41.110	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	506353	40.964	ng		99
45) 1,1'-Biphenyl	13.16	154	1845343	40.543	ng		99
46) 2-Chloronaphthalene	13.20	162	1435240	40.852	ng		98
47) 2-Nitroaniline	13.40	65	458458	40.554	ng		92
48) Acenaphthylene	14.05	152	2143153	40.199	ng		97
49) Dimethylphthalate	13.79	163	1682496	39.159	ng		99
50) 2,6-Dinitrotoluene	13.91	165	381294	39.945	ng		89
51) Acenaphthene	14.39	154	1288146	40.112	ng		99
52) 3-Nitroaniline	14.24	138	415488	40.173	ng	#	83
53) 2,4-Dinitrophenol	14.45	184	196334	38.845	ng		97
54) Dibenzofuran	14.73	168	2070045	39.758	ng		97
55) 4-Nitrophenol	14.56	139	320971	40.423	ng		87
56) 2,4-Dinitrotoluene	14.70	165	514350	39.703	ng		87
57) Fluorene	15.37	166	1549027	39.472	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.96	232	422254	39.721	ng		96
59) Diethylphthalate	15.16	149	1692323	38.698	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	859678	39.589	ng		97
61) 4-Nitroaniline	15.40	138	419657	39.804	ng		93
62) Azobenzene	15.67	77	1654476	39.428	ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	306878	42.304	ng		95
65) n-Nitrosodiphenylamine	15.59	169	1449260	40.648	ng		96
66) 4-Bromophenyl-phenylether	16.27	248	511753	40.685	ng	#	93
67) Hexachlorobenzene	16.38	284	563881	40.529	ng		97
68) Atrazine	16.55	200	481791	40.136	ng		95
69) Pentachlorophenol	16.73	266	375954	41.979	ng		98
70) Phenanthrene	17.12	178	2345975	40.000	ng		99
71) Anthracene	17.20	178	2346039	40.414	ng		98
72) Carbazole	17.48	167	2350192	40.348	ng		97
73) Di-n-butylphthalate	18.05	149	2749530	40.467	ng		99
74) Fluoranthene	19.13	202	2562946	40.249	ng		98
76) Benzidine	19.33	184	1158731	36.019	ng		97
77) Pyrene	19.50	202	2637292	38.772	ng		99
79) Butylbenzylphthalate	20.41	149	1184524	40.005	ng		92
80) Benzo(a)anthracene	21.26	228	2384316	39.661	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	966050	41.247	ng		99
82) Chrysene	21.31	228	2285969	39.937	ng		97
83) Bis(2-ethylhexyl)phthalate	21.20	149	1661616	40.243	ng		97
84) Di-n-octyl phthalate	22.07	149	2749128	41.992	ng		97
85) Indeno(1,2,3-cd)pyrene	25.73	276	2527617	55.522	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	2287218	39.829	ng		98
88) Benzo(k)fluoranthene	22.88	252	2219031m	39.236	ng		
89) Benzo(a)pyrene	23.40	252	2150848	40.105	ng		97
90) Dibenzo(a,h)anthracene	25.74	278	2131651	42.335	ng	#	95
91) Benzo(g,h,i)perylene	26.42	276	2068633	42.511	ng	#	95

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

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