Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002138.D
Acq On : 25 Jul 2018 16:25
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:36 AM

Quant Time: Jul 25 19:59:00 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	212677	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	937761	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	530243	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1086750	20.00	ng	0.00
75) Chrysene-d12	21.27	240	866447	20.00	ng	0.00
86) Perylene-d12	23.50	264	839943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2112371	159.90	ng	0.00
7) Phenol-d6	6.89	99	2994081	161.51	ng	0.01
23) Nitrobenzene-d5	8.85	82	2902314	158.72	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	1072884	155.82	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	6259118	153.75	ng	0.00
78) Terphenyl-d14	19.72	244	6505688	156.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	391092	78.859	ng	# 79
3) Pyridine	3.66	79	1146754	79.826	ng	# 72
4) n-Nitrosodimethylamine	3.58	42	478836	77.705	ng	# 72
6) Aniline	7.03	93	1803681	79.648	ng	99
8) 2-Chlorophenol	7.27	128	1218951	79.563	ng	93
9) Benzaldehyde	6.85	77	740157	64.545	ng	94
10) Phenol	6.91	94	1532612	80.652	ng	97
11) bis(2-Chloroethyl)ether	7.13	93	1224184	79.149	ng	96
12) 1,3-Dichlorobenzene	7.59	146	1383078	79.215	ng	98
13) 1,4-Dichlorobenzene	7.73	146	1407105	78.777	ng	96
14) 1,2-Dichlorobenzene	8.05	146	1341630	77.861	ng	98
15) Benzyl Alcohol	7.94	79	1136347	81.232	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1928942	77.232	ng	93
17) 2-Methylphenol	8.14	107	1033611	79.674	ng	96
18) Hexachloroethane	8.76	117	517846	79.216	ng	90
19) n-Nitroso-di-n-propylamine	8.50	70	1054246	78.402	ng	# 97
20) 3+4-Methylphenols	8.48	107	1449173	80.063	ng	93
22) Acetophenone	8.52	105	1900122	78.149	ng	# 95
24) Nitrobenzene	8.89	77	1493651	78.817	ng	95
25) Isophorone	9.42	82	2492708	79.392	ng	95
26) 2-Nitrophenol	9.59	139	751678	82.110	ng	95
27) 2,4-Dimethylphenol	9.66	122	1016274	79.823	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	1589197	78.357	ng	96
29) 2,4-Dichlorophenol	10.13	162	1198162	80.704	ng	95
30) 1,2,4-Trichlorobenzene	10.33	180	1317133	78.337	ng	99
31) Naphthalene	10.52	128	3684066	77.842	ng	98
32) Benzoic acid	9.86	122	900469m	88.134	ng	
33) 4-Chloroaniline	10.63	127	1662650	78.956	ng	97
34) Hexachlorobutadiene	10.80	225	816585	79.308	ng	97
35) Caprolactam	11.45	113	400110	78.969	ng	# 65
36) 4-Chloro-3-methylphenol	11.77	107	1341637	79.473	ng	95
37) 2-Methylnaphthalene	12.13	142	2605356	78.054	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	1417492	79.504	ng	99
40) Hexachlorocyclopentadiene	12.49	237	872824	86.679	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	974669	81.477	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	1035359	81.707	ng		97
45) 1,1'-Biphenyl	13.16	154	3666261	78.575	ng		99
46) 2-Chloronaphthalene	13.20	162	2849779	79.126	ng		98
47) 2-Nitroaniline	13.41	65	945437	81.581	ng		92
48) Acenaphthylene	14.05	152	4267335	78.080	ng		98
49) Dimethylphthalate	13.80	163	3393556	77.046	ng		100
50) 2,6-Dinitrotoluene	13.92	165	778035	79.510	ng		89
51) Acenaphthene	14.39	154	2573679	78.178	ng		99
52) 3-Nitroaniline	14.25	138	841927	79.408	ng	#	85
53) 2,4-Dinitrophenol	14.45	184	434916	83.939	ng		98
54) Dibenzofuran	14.73	168	4105055	76.909	ng		96
55) 4-Nitrophenol	14.56	139	654027	80.349	ng		89
56) 2,4-Dinitrotoluene	14.71	165	1051577	79.182	ng		87
57) Fluorene	15.38	166	3060284	76.069	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.96	232	849357	77.938	ng		94
59) Diethylphthalate	15.16	149	3417257	76.226	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	1701821	76.448	ng		96
61) 4-Nitroaniline	15.42	138	840782	77.793	ng		90
62) Azobenzene	15.67	77	3303224	76.790	ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	637257	86.855	ng		96
65) n-Nitrosodiphenylamine	15.60	169	2898899	80.388	ng		97
66) 4-Bromophenyl-phenylether	16.27	248	1028538	80.846	ng	#	90
67) Hexachlorobenzene	16.39	284	1120025	79.593	ng		98
68) Atrazine	16.55	200	926724	76.329	ng		96
69) Pentachlorophenol	16.73	266	772611	85.296	ng		99
70) Phenanthrene	17.12	178	4581799	77.240	ng		99
71) Anthracene	17.21	178	4544954	77.410	ng		99
72) Carbazole	17.48	167	4473308	75.931	ng		97
73) Di-n-butylphthalate	18.05	149	5289836	76.976	ng		99
74) Fluoranthene	19.14	202	4767498	74.024	ng		98
76) Benzidine	19.33	184	1872108	66.247	ng		95
77) Pyrene	19.50	202	4818886	80.648	ng		100
79) Butylbenzylphthalate	20.42	149	2130516	81.911	ng		91
80) Benzo(a)anthracene	21.26	228	4146373	78.515	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	1543543	75.024	ng	#	96
82) Chrysene	21.31	228	3932700	78.214	ng		97
83) Bis(2-ethylhexyl)phthalate	21.20	149	2982280	82.223	ng		97
84) Di-n-octyl phthalate	22.07	149	4849556	84.326	ng		97
85) Indeno(1,2,3-cd)pyrene	25.74	276	4218683	105.491	ng	#	95
87) Benzo(b)fluoranthene	22.84	252	3978069	80.249	ng		99
88) Benzo(k)fluoranthene	22.89	252	3644608	74.653	ng		98
89) Benzo(a)pyrene	23.41	252	3660669	79.072	ng		96
90) Dibenzo(a,h)anthracene	25.75	278	3548192	81.633	ng	#	96
91) Benzo(g,h,i)perylene	26.42	276	3489913	83.083	ng	#	95

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

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