Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002136.D
Acq On : 25 Jul 2018 15:14
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:31 AM

Quant Time: Jul 25 19:56:37 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	214645	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	962196	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	577209	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1305174	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1191095	20.00	ng		0.00
86) Perylene-d12	23.50	264	1027291	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1326656	99.50	ng		0.00
7) Phenol-d6	6.88	99	1899964	101.55	ng		0.00
23) Nitrobenzene-d5	8.85	82	1881278	100.27	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	780084	104.08	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	4324260	97.58	ng		0.00
78) Terphenyl-d14	19.71	244	5630559	98.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	236752	47.300	ng	#	79
3) Pyridine	3.66	79	694200	47.881	ng	#	72
4) n-Nitrosodimethylamine	3.58	42	300095	48.253	ng	#	72
6) Aniline	7.03	93	1164013	50.930	ng		98
8) 2-Chlorophenol	7.26	128	772808	49.980	ng		94
9) Benzaldehyde	6.85	77	544703	47.065	ng		92
10) Phenol	6.90	94	978727	51.032	ng		98
11) bis(2-Chloroethyl)ether	7.13	93	782292	50.115	ng		97
12) 1,3-Dichlorobenzene	7.58	146	868538	49.289	ng		98
13) 1,4-Dichlorobenzene	7.73	146	882678	48.964	ng		95
14) 1,2-Dichlorobenzene	8.04	146	855417	49.189	ng		97
15) Benzyl Alcohol	7.93	79	729788	51.691	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1240958	49.231	ng		92
17) 2-Methylphenol	8.14	107	665696	50.843	ng		96
18) Hexachloroethane	8.76	117	325659	49.360	ng		90
19) n-Nitroso-di-n-propylamine	8.50	70	691956	50.988	ng	#	97
20) 3+4-Methylphenols	8.47	107	938359	51.367	ng		93
22) Acetophenone	8.51	105	1252462	50.204	ng	#	95
24) Nitrobenzene	8.89	77	973260	50.053	ng		94
25) Isophorone	9.41	82	1661033	51.560	ng		95
26) 2-Nitrophenol	9.59	139	485200	51.655	ng		94
27) 2,4-Dimethylphenol	9.66	122	666768	51.041	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	1045389	50.235	ng		96
29) 2,4-Dichlorophenol	10.12	162	780529	51.239	ng		96
30) 1,2,4-Trichlorobenzene	10.33	180	853641	49.481	ng		99
31) Naphthalene	10.52	128	2399351	49.409	ng		98
32) Benzoic acid	9.83	122	587613m	56.052	ng		
33) 4-Chloroaniline	10.63	127	1108292	51.294	ng		98
34) Hexachlorobutadiene	10.80	225	520436	49.262	ng		97
35) Caprolactam	11.42	113	288033	55.405	ng	#	68
36) 4-Chloro-3-methylphenol	11.77	107	911676	52.632	ng		94
37) 2-Methylnaphthalene	12.13	142	1717767	50.156	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	952605	49.082	ng		98
40) Hexachlorocyclopentadiene	12.49	237	556658	50.783	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	661409	50.792	ng		98
43) 2,4,5-Trichlorophenol	12.83	196	696133	50.466	ng		99
45) 1,1'-Biphenyl	13.16	154	2499805	49.216	ng		99
46) 2-Chloronaphthalene	13.20	162	1937523	49.419	ng		99
47) 2-Nitroaniline	13.40	65	662474	52.513	ng		93
48) Acenaphthylene	14.05	152	2988171	50.227	ng		97
49) Dimethylphthalate	13.79	163	2428344	50.646	ng		100
50) 2,6-Dinitrotoluene	13.91	165	556286	52.223	ng		91
51) Acenaphthene	14.39	154	1794415	50.072	ng		100
52) 3-Nitroaniline	14.24	138	618713	53.607	ng	#	86
53) 2,4-Dinitrophenol	14.45	184	312170	55.346	ng		97
54) Dibenzofuran	14.73	168	2911495	50.109	ng		97
55) 4-Nitrophenol	14.56	139	493425	55.686	ng		86
56) 2,4-Dinitrotoluene	14.70	165	783111	54.169	ng		88
57) Fluorene	15.38	166	2216463	50.612	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.96	232	611492	51.546	ng		95
59) Diethylphthalate	15.16	149	2547045	52.192	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	1221618	50.412	ng		97
61) 4-Nitroaniline	15.41	138	645564	54.870	ng		92
62) Azobenzene	15.67	77	2386645	50.968	ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	479159	54.378	ng		99
65) n-Nitrosodiphenylamine	15.59	169	2122824	49.015	ng		97
66) 4-Bromophenyl-phenylether	16.27	248	753098	49.289	ng	#	93
67) Hexachlorobenzene	16.39	284	829451	49.079	ng		98
68) Atrazine	16.55	200	741090	50.824	ng		97
69) Pentachlorophenol	16.73	266	584622	53.741	ng		99
70) Phenanthrene	17.12	178	3512722	49.307	ng		99
71) Anthracene	17.21	178	3516870	49.875	ng		98
72) Carbazole	17.48	167	3592726	50.778	ng		97
73) Di-n-butylphthalate	18.05	149	4306468	52.179	ng		99
74) Fluoranthene	19.14	202	3973008	51.365	ng		98
76) Benzidine	19.33	184	2006157	51.641	ng		97
77) Pyrene	19.50	202	4061628	49.447	ng		99
79) Butylbenzylphthalate	20.42	149	1903453	53.235	ng		91
80) Benzo(a)anthracene	21.26	228	3623825	49.917	ng		99
81) 3,3'-Dichlorobenzidine	21.19	252	1426423	50.434	ng	#	98
82) Chrysene	21.31	228	3411230	49.351	ng		98
83) Bis(2-ethylhexyl)phthalate	21.20	149	2603983	52.225	ng		97
84) Di-n-octyl phthalate	22.07	149	4083727	51.655	ng		97
85) Indeno(1,2,3-cd)pyrene	25.74	276	2999875	54.568	ng	#	95
87) Benzo(b)fluoranthene	22.84	252	3039855	50.139	ng		98
88) Benzo(k)fluoranthene	22.88	252	3054909m	51.162	ng		
89) Benzo(a)pyrene	23.40	252	2826229	49.914	ng	#	97
90) Dibenzo(a,h)anthracene	25.74	278	2529542	47.584	ng	#	96
91) Benzo(g,h,i)perylene	26.42	276	2441750	47.528	ng	#	96

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

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