Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002137.D
Acq On : 25 Jul 2018 15:50
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:34 AM

Quant Time: Jul 25 19:57:27 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	207405	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	892437	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	492307	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	989671	20.00	ng		0.00
75) Chrysene-d12	21.27	240	860893	20.00	ng		0.00
86) Perylene-d12	23.50	264	836491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1572725	122.08	ng		0.00
7) Phenol-d6	6.88	99	2188810	121.07	ng		0.00
23) Nitrobenzene-d5	8.85	82	2116098	121.60	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	736511	115.21	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	4552620	120.45	ng		0.00
78) Terphenyl-d14	19.71	244	4824246	116.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	293067	60.595	ng	#	79
3) Pyridine	3.66	79	832181	59.401	ng	#	72
4) n-Nitrosodimethylamine	3.58	42	358622	59.676	ng	#	73
6) Aniline	7.03	93	1338630	60.615	ng		99
8) 2-Chlorophenol	7.26	128	904264	60.523	ng		93
9) Benzaldehyde	6.85	77	599947	53.648	ng		92
10) Phenol	6.90	94	1120577	60.468	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	902046	59.804	ng		96
12) 1,3-Dichlorobenzene	7.58	146	1023036	60.083	ng		99
13) 1,4-Dichlorobenzene	7.73	146	1046575	60.082	ng		95
14) 1,2-Dichlorobenzene	8.04	146	994860	59.204	ng		97
15) Benzyl Alcohol	7.93	79	820689	60.158	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1427331	58.601	ng		92
17) 2-Methylphenol	8.14	107	748542	59.166	ng		95
18) Hexachloroethane	8.76	117	381477	59.839	ng		90
19) n-Nitroso-di-n-propylamine	8.50	70	762707	58.163	ng	#	97
20) 3+4-Methylphenols	8.47	107	1048597	59.405	ng		94
22) Acetophenone	8.51	105	1394769	60.278	ng	#	96
24) Nitrobenzene	8.89	77	1087248	60.285	ng		96
25) Isophorone	9.41	82	1771359	59.282	ng		96
26) 2-Nitrophenol	9.59	139	535639	61.482	ng		94
27) 2,4-Dimethylphenol	9.66	122	742144	61.252	ng		95
28) bis(2-Chloroethoxy)methane	9.89	93	1144444	59.294	ng		97
29) 2,4-Dichlorophenol	10.12	162	864738	61.204	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	963945	60.243	ng		98
31) Naphthalene	10.52	128	2690139	59.728	ng		98
32) Benzoic acid	9.83	122	627651m	64.551	ng		
33) 4-Chloroaniline	10.63	127	1196977	59.729	ng		98
34) Hexachlorobutadiene	10.80	225	597426	60.970	ng		96
35) Caprolactam	11.42	113	278578	57.775	ng	#	67
36) 4-Chloro-3-methylphenol	11.77	107	951935	59.252	ng		94
37) 2-Methylnaphthalene	12.13	142	1872336	58.942	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	1018443	61.524	ng		99
40) Hexachlorocyclopentadiene	12.49	237	625733	66.929	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	686398	61.801 ng		100
43) 2,4,5-Trichlorophenol	12.83	196	721130	61.294 ng		99
45) 1,1'-Biphenyl	13.16	154	2606925	60.176 ng		99
46) 2-Chloronaphthalene	13.20	162	2031990	60.767 ng		99
47) 2-Nitroaniline	13.40	65	651443	60.544 ng		93
48) Acenaphthylene	14.05	152	3037760	59.866 ng		98
49) Dimethylphthalate	13.79	163	2354065	57.564 ng		99
50) 2,6-Dinitrotoluene	13.91	165	536677	59.071 ng		91
51) Acenaphthene	14.39	154	1809262	59.193 ng		99
52) 3-Nitroaniline	14.24	138	582378	59.161 ng	#	88
53) 2,4-Dinitrophenol	14.45	184	288646	60.001 ng		97
54) Dibenzofuran	14.73	168	2886725	58.251 ng		96
55) 4-Nitrophenol	14.56	139	448533	59.350 ng		87
56) 2,4-Dinitrotoluene	14.70	165	721326	58.500 ng		85
57) Fluorene	15.38	166	2139322	57.275 ng		97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	594498	58.756 ng		95
59) Diethylphthalate	15.16	149	2351192	56.487 ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	1192417	57.693 ng		95
61) 4-Nitroaniline	15.41	138	580911	57.890 ng		90
62) Azobenzene	15.67	77	2308450	57.800 ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	429473	64.277 ng		97
65) n-Nitrosodiphenylamine	15.59	169	2026699	61.714 ng		97
66) 4-Bromophenyl-phenylether	16.27	248	711012	61.370 ng		92
67) Hexachlorobenzene	16.39	284	775878	60.545 ng		99
68) Atrazine	16.55	200	651179	58.895 ng		98
69) Pentachlorophenol	16.73	266	523763	63.495 ng		99
70) Phenanthrene	17.12	178	3210849	59.438 ng		99
71) Anthracene	17.21	178	3184066	59.551 ng		98
72) Carbazole	17.48	167	3152745	58.765 ng		97
73) Di-n-butylphthalate	18.05	149	3709752	59.279 ng		99
74) Fluoranthene	19.14	202	3404675	58.049 ng		98
76) Benzidine	19.33	184	1712680	60.997 ng		96
77) Pyrene	19.50	202	3494006	58.852 ng		99
79) Butylbenzylphthalate	20.41	149	1580291	61.149 ng		93
80) Benzo(a)anthracene	21.26	228	3073649	58.578 ng		99
81) 3,3'-Dichlorobenzidine	21.19	252	1201366	58.769 ng	#	96
82) Chrysene	21.31	228	2960791	59.264 ng		98
83) Bis(2-ethylhexyl)phthalate	21.20	149	2204179	61.162 ng		97
84) Di-n-octyl phthalate	22.07	149	3643487	63.763 ng		97
85) Indeno(1,2,3-cd)pyrene	25.74	276	3214286	80.894 ng	#	95
87) Benzo(b)fluoranthene	22.83	252	2883008	58.399 ng		98
88) Benzo(k)fluoranthene	22.88	252	2874760	59.127 ng		99
89) Benzo(a)pyrene	23.41	252	2763962	59.949 ng		97
90) Dibenzo(a,h)anthracene	25.74	278	2700917	62.396 ng	#	96
91) Benzo(g,h,i)perylene	26.42	276	2648881	63.321 ng	#	95

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

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