Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000765.D
Acq On : 19 Apr 2018 06:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
4/19/2018 5:43:17 PM

Quant Time: Apr 19 07:20:13 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	162168	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	705199	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	361188	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	695863	20.00	ng		0.00
75) Chrysene-d12	21.22	240	545439	20.00	ng		0.00
86) Perylene-d12	23.40	264	536877	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	894007	81.89	ng		0.00
7) Phenol-d6	6.82	99	1230434	82.71	ng		0.00
23) Nitrobenzene-d5	8.78	82	1136598	84.02	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	317950	87.44	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	2127940	81.33	ng		0.00
78) Terphenyl-d14	19.66	244	2093616	82.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	192922	38.529	ng		95
3) Pyridine	3.62	79	557443	42.263	ng		97
4) n-Nitrosodimethylamine	3.55	42	150397	41.464	ng	#	81
6) Aniline	6.97	93	811649	41.124	ng		93
8) 2-Chlorophenol	7.20	128	463711	41.072	ng		90
9) Benzaldehyde	6.79	77	285611	41.524	ng		91
10) Phenol	6.84	94	642416	40.968	ng		87
11) bis(2-Chloroethyl)ether	7.07	93	523896	40.837	ng		84
12) 1,3-Dichlorobenzene	7.52	146	531843	40.558	ng		99
13) 1,4-Dichlorobenzene	7.66	146	537907	40.403	ng		98
14) 1,2-Dichlorobenzene	7.98	146	516177	40.619	ng		96
15) Benzyl Alcohol	7.87	79	445039	43.495	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	543375	39.881	ng		78
17) 2-Methylphenol	8.07	107	442454	41.972	ng		97
18) Hexachloroethane	8.69	117	201899	41.153	ng	#	83
19) n-Nitroso-di-n-propylamine	8.44	70	390183	42.162	ng	#	82
20) 3+4-Methylphenols	8.40	107	614182	42.394	ng		94
22) Acetophenone	8.45	105	817292	40.445	ng	#	87
24) Nitrobenzene	8.82	77	596760	41.141	ng	#	95
25) Isophorone	9.34	82	1029004	41.982	ng		98
26) 2-Nitrophenol	9.52	139	248498	41.817	ng		93
27) 2,4-Dimethylphenol	9.59	122	399475	41.178	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	645316	40.383	ng		97
29) 2,4-Dichlorophenol	10.05	162	402973	42.182	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	468524	40.690	ng		98
31) Naphthalene	10.45	128	1517128	40.015	ng		98
32) Benzoic acid	9.75	122	358302	40.320	ng		90
33) 4-Chloroaniline	10.56	127	643106	41.541	ng		96
34) Hexachlorobutadiene	10.73	225	257755	41.216	ng		97
35) Caprolactam	11.34	113	139475	42.200	ng		98
36) 4-Chloro-3-methylphenol	11.69	107	481753	42.711	ng		99
37) 2-Methylnaphthalene	12.06	142	1014279	40.838	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	462204	41.264	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	281470	42.850	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	296138	43.589	ng		98
43) 2,4,5-Trichlorophenol	12.75	196	342028	43.587	ng		94
45) 1,1'-Biphenyl	13.09	154	1320897	40.857	ng		97
46) 2-Chloronaphthalene	13.13	162	996353	41.104	ng		96
47) 2-Nitroaniline	13.33	65	299329	42.566	ng		86
48) Acenaphthylene	13.98	152	1606258	41.801	ng		98
49) Dimethylphthalate	13.73	163	1185490	41.072	ng		99
50) 2,6-Dinitrotoluene	13.84	165	254466	41.622	ng		92
51) Acenaphthene	14.33	154	947143	40.437	ng		99
52) 3-Nitroaniline	14.17	138	286636	41.194	ng	#	95
53) 2,4-Dinitrophenol	14.37	184	121805	41.285	ng		95
54) Dibenzofuran	14.66	168	1372170	40.247	ng		96
55) 4-Nitrophenol	14.47	139	213129	41.249	ng		86
56) 2,4-Dinitrotoluene	14.63	165	335637	41.933	ng	#	90
57) Fluorene	15.32	166	1080163	40.073	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	255808m	42.410	ng		
59) Diethylphthalate	15.10	149	1178888	41.211	ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	503055	39.925	ng		91
61) 4-Nitroaniline	15.34	138	279788	40.876	ng		94
62) Azobenzene	15.61	77	1239143	40.454	ng		90
64) 4,6-Dinitro-2-methylphenol	15.39	198	179681	41.805	ng		88
65) n-Nitrosodiphenylamine	15.53	169	954539	40.856	ng		96
66) 4-Bromophenyl-phenylether	16.21	248	291997	41.303	ng	#	88
67) Hexachlorobenzene	16.32	284	336132	41.064	ng	#	92
68) Atrazine	16.49	200	277217	43.799	ng		94
69) Pentachlorophenol	16.66	266	221008	41.785	ng		99
70) Phenanthrene	17.05	178	1608156	39.904	ng		99
71) Anthracene	17.14	178	1590695	40.302	ng		98
72) Carbazole	17.41	167	1475324	39.776	ng		97
73) Di-n-butylphthalate	18.00	149	1775772	42.016	ng		98
74) Fluoranthene	19.07	202	1603858	39.484	ng		95
76) Benzidine	19.26	184	655979	44.407	ng	#	94
77) Pyrene	19.44	202	1652536	42.059	ng		100
79) Butylbenzylphthalate	20.36	149	701369	42.373	ng		96
80) Benzo(a)anthracene	21.20	228	1406844	40.927	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	465632	43.032	ng	#	98
82) Chrysene	21.25	228	1347178	40.482	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1036819	41.008	ng		95
84) Di-n-octyl phthalate	22.03	149	1502994	41.548	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.25	276	1252647	43.766	ng	#	92
87) Benzo(b)fluoranthene	22.75	252	1332013	40.833	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	1322737	40.714	ng	#	96
89) Benzo(a)pyrene	23.31	252	1258645	42.282	ng	#	95
90) Dibenzo(a,h)anthracene	25.60	278	1274048	43.436	ng	#	92
91) Benzo(g,h,i)perylene	26.25	276	1252647	43.742	ng	#	89

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

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