Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000710.D
Acq On : 09 Apr 2018 12:12
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:14 PM

Quant Time: Apr 09 12:48:07 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 11:38:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	158365	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	696675	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	368044	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	721479	20.00	ng		0.00
75) Chrysene-d12	21.22	240	549878	20.00	ng		0.00
86) Perylene-d12	23.41	264	490325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1293316	133.10	ng		0.00
7) Phenol-d6	6.82	99	1799183	122.24	ng		0.00
23) Nitrobenzene-d5	8.79	82	1681225	143.48	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	479968	131.75	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	3022243	115.74	ng		0.00
78) Terphenyl-d14	19.67	244	3167998	155.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	280962	71.857	ng		96
3) Pyridine	3.63	79	793529	65.198	ng		98
4) n-Nitrosodimethylamine	3.55	42	224747	65.296	ng	#	81
6) Aniline	6.98	93	1204569	59.402	ng		93
8) 2-Chlorophenol	7.21	128	675043	59.405	ng		91
9) Benzaldehyde	6.79	77	355344	38.806	ng		94
10) Phenol	6.85	94	950558	61.179	ng		85
11) bis(2-Chloroethyl)ether	7.08	93	765488	59.903	ng		85
12) 1,3-Dichlorobenzene	7.53	146	756536	58.593	ng		99
13) 1,4-Dichlorobenzene	7.68	146	765094	58.026	ng		98
14) 1,2-Dichlorobenzene	7.99	146	734248	56.570	ng		95
15) Benzyl Alcohol	7.88	79	667668	63.111	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.18	45	829615	61.336	ng		79
17) 2-Methylphenol	8.08	107	653788	59.213	ng		95
18) Hexachloroethane	8.70	117	295448	64.368	ng	#	81
19) n-Nitroso-di-n-propylamine	8.45	70	591699	59.992	ng	#	82
20) 3+4-Methylphenols	8.41	107	914199	59.201	ng		94
22) Acetophenone	8.46	105	1211464	62.055	ng	#	87
24) Nitrobenzene	8.83	77	891704	69.611	ng	#	96
25) Isophorone	9.35	82	1589598	65.626	ng		98
26) 2-Nitrophenol	9.53	139	367769	77.981	ng		93
27) 2,4-Dimethylphenol	9.60	122	604321	57.549	ng		95
28) bis(2-Chloroethoxy)methane	9.84	93	981897	63.207	ng		97
29) 2,4-Dichlorophenol	10.06	162	597339	61.466	ng		96
30) 1,2,4-Trichlorobenzene	10.27	180	666137	59.522	ng		98
31) Naphthalene	10.46	128	2215594	58.009	ng		98
32) Benzoic acid	9.78	122	573519	87.244	ng		93
33) 4-Chloroaniline	10.56	127	962686	57.376	ng		97
34) Hexachlorobutadiene	10.75	225	358650	61.802	ng		97
35) Caprolactam	11.36	113	215091	54.287	ng		98
36) 4-Chloro-3-methylphenol	11.70	107	736100	59.661	ng		98
37) 2-Methylnaphthalene	12.07	142	1489184	56.037	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	656736	60.454	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	402183	88.813	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	425995	65.427	ng		99
43) 2,4,5-Trichlorophenol	12.76	196	486908	62.207	ng	#	93
45) 1,1'-Biphenyl	13.10	154	1915910	59.106	ng		96
46) 2-Chloronaphthalene	13.14	162	1449022	59.577	ng		96
47) 2-Nitroaniline	13.35	65	471711	71.679	ng		89
48) Acenaphthylene	13.99	152	2365982	60.380	ng		98
49) Dimethylphthalate	13.75	163	1796691	58.398	ng		100
50) 2,6-Dinitrotoluene	13.85	165	391266	61.604	ng		93
51) Acenaphthene	14.34	154	1409651	55.265	ng		98
52) 3-Nitroaniline	14.18	138	449985	58.284	ng	#	94
53) 2,4-Dinitrophenol	14.38	184	194447	108.298	ng		97
54) Dibenzofuran	14.67	168	2038307	56.426	ng		96
55) 4-Nitrophenol	14.49	139	347398	62.289	ng		87
56) 2,4-Dinitrotoluene	14.64	165	520479	61.322	ng		95
57) Fluorene	15.32	166	1596632	54.130	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.90	232	386194m	62.519	ng		
59) Diethylphthalate	15.12	149	1816562	58.102	ng		98
60) 4-Chlorophenyl-phenylether	15.33	204	741499	55.164	ng		92
61) 4-Nitroaniline	15.35	138	445363	56.142	ng		93
62) Azobenzene	15.62	77	1962614	63.060	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	291379	97.324	ng		89
65) n-Nitrosodiphenylamine	15.55	169	1447591	61.662	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	440104	64.147	ng	#	88
67) Hexachlorobenzene	16.33	284	502367	62.699	ng		94
68) Atrazine	16.50	200	420384	55.020	ng		95
69) Pentachlorophenol	16.66	266	345773	72.481	ng		99
70) Phenanthrene	17.06	178	2442020	57.302	ng		100
71) Anthracene	17.15	178	2439264	59.112	ng		99
72) Carbazole	17.42	167	2312257	55.621	ng		97
73) Di-n-butylphthalate	18.01	149	2883572	62.833	ng		99
74) Fluoranthene	19.09	202	2457360	54.963	ng		94
76) Benzidine	19.27	184	893197	50.957	ng	#	95
77) Pyrene	19.45	202	2536432	72.577	ng		99
79) Butylbenzylphthalate	20.38	149	1115642	73.711	ng		97
80) Benzo(a)anthracene	21.20	228	2083614	61.649	ng		98
81) 3,3'-Dichlorobenzidine	21.15	252	647103	52.127	ng	#	96
82) Chrysene	21.26	228	1967082	58.403	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	1626449	70.197	ng	#	95
84) Di-n-octyl phthalate	22.05	149	2284230	64.305	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.27	276	1625582	39.290	ng	#	91
87) Benzo(b)fluoranthene	22.77	252	1827620	63.680	ng	#	96
88) Benzo(k)fluoranthene	22.81	252	1827872	63.236	ng	#	95
89) Benzo(a)pyrene	23.32	252	1718365	62.434	ng	#	94
90) Dibenzo(a,h)anthracene	25.62	278	1669171	57.993	ng	#	91
91) Benzo(g,h,i)perylene	26.27	276	1625582	55.854	ng	#	89

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

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