Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000735.D
Acq On : 18 Apr 2018 11:39
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
4/19/2018 5:42:49 PM

Quant Time: Apr 18 12:34:19 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 12:16:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	169384	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	739898	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	382675	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	705562	20.00	ng		0.00
75) Chrysene-d12	21.22	240	563546	20.00	ng		0.00
86) Perylene-d12	23.41	264	491155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	955816	83.32	ng		0.00
7) Phenol-d6	6.82	99	1312207	84.02	ng		0.00
23) Nitrobenzene-d5	8.78	82	1217757	87.09	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	324753	86.32	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	2158107	77.73	ng		0.00
78) Terphenyl-d14	19.66	244	2218606	85.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	209205	39.751	ng		95
3) Pyridine	3.63	79	606327	42.686	ng		98
4) n-Nitrosodimethylamine	3.55	42	164247	42.693	ng	#	86
6) Aniline	6.98	93	859033	41.209	ng		93
8) 2-Chlorophenol	7.20	128	495985	41.861	ng		91
9) Benzaldehyde	6.79	77	302447	38.181	ng		94
10) Phenol	6.84	94	685575	41.286	ng		88
11) bis(2-Chloroethyl)ether	7.08	93	553031	40.538	ng		85
12) 1,3-Dichlorobenzene	7.53	146	556648	40.536	ng		100
13) 1,4-Dichlorobenzene	7.67	146	574199	41.275	ng		97
14) 1,2-Dichlorobenzene	7.98	146	537656	40.249	ng		96
15) Benzyl Alcohol	7.88	79	466020	43.811	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	587689	39.709	ng		80
17) 2-Methylphenol	8.08	107	463623	41.874	ng		96
18) Hexachloroethane	8.70	117	215053	41.941	ng	#	82
19) n-Nitroso-di-n-propylamine	8.44	70	420341	43.061	ng	#	83
20) 3+4-Methylphenols	8.40	107	650597	42.812	ng		95
22) Acetophenone	8.45	105	880631	41.336	ng	#	88
24) Nitrobenzene	8.82	77	645483	42.515	ng	#	96
25) Isophorone	9.35	82	1108155	42.933	ng		98
26) 2-Nitrophenol	9.52	139	257939	42.920	ng		94
27) 2,4-Dimethylphenol	9.59	122	422316	41.253	ng		95
28) bis(2-Chloroethoxy)methane	9.83	93	706649	41.612	ng		98
29) 2,4-Dichlorophenol	10.05	162	417070	41.965	ng		97
30) 1,2,4-Trichlorobenzene	10.27	180	488700	40.819	ng		97
31) Naphthalene	10.45	128	1579152	39.499	ng		98
32) Benzoic acid	9.75	122	380653	45.305	ng		93
33) 4-Chloroaniline	10.56	127	676167	41.613	ng		96
34) Hexachlorobutadiene	10.74	225	258779	40.186	ng		97
35) Caprolactam	11.34	113	147681	45.531	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	505547	42.753	ng		99
37) 2-Methylnaphthalene	12.07	142	1046531	40.002	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	473028	40.201	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	276187	42.088	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	302445	43.470	ng		97
43) 2,4,5-Trichlorophenol	12.75	196	343494	42.480	ng	#	93
45) 1,1'-Biphenyl	13.10	154	1375397	40.035	ng		96
46) 2-Chloronaphthalene	13.13	162	1016984	39.391	ng		97
47) 2-Nitroaniline	13.34	65	307950	42.056	ng		86
48) Acenaphthylene	13.99	152	1661789	40.847	ng		98
49) Dimethylphthalate	13.74	163	1235167	40.547	ng		99
50) 2,6-Dinitrotoluene	13.85	165	267925	42.475	ng		93
51) Acenaphthene	14.33	154	995597	39.606	ng		98
52) 3-Nitroaniline	14.17	138	307042	42.503	ng	#	95
53) 2,4-Dinitrophenol	14.37	184	122075	43.082	ng		98
54) Dibenzofuran	14.67	168	1470761	40.699	ng		96
55) 4-Nitrophenol	14.48	139	223723	40.688	ng		86
56) 2,4-Dinitrotoluene	14.63	165	351455	42.912	ng		95
57) Fluorene	15.32	166	1173491	41.116	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	270944m	43.244	ng		
59) Diethylphthalate	15.11	149	1267750	42.347	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	540772	40.528	ng		93
61) 4-Nitroaniline	15.34	138	303788	43.144	ng		94
62) Azobenzene	15.62	77	1373146	41.560	ng		90
64) 4,6-Dinitro-2-methylphenol	15.40	198	189185	44.999	ng		88
65) n-Nitrosodiphenylamine	15.53	169	1024584	43.515	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	306565	43.453	ng	#	89
67) Hexachlorobenzene	16.32	284	347201	42.623	ng	#	90
68) Atrazine	16.49	200	293927	45.114	ng		94
69) Pentachlorophenol	16.66	266	229352	43.362	ng		99
70) Phenanthrene	17.06	178	1671663	40.763	ng		100
71) Anthracene	17.15	178	1648174	41.207	ng		99
72) Carbazole	17.42	167	1528913	40.346	ng		98
73) Di-n-butylphthalate	18.00	149	1816050	41.214	ng		98
74) Fluoranthene	19.08	202	1657982	40.392	ng		94
76) Benzidine	19.27	184	622070	40.381	ng		96
77) Pyrene	19.44	202	1755697	43.589	ng		99
79) Butylbenzylphthalate	20.37	149	718223	43.867	ng		98
80) Benzo(a)anthracene	21.20	228	1432527	40.397	ng		98
81) 3,3'-Dichlorobenzidine	21.15	252	462971	42.847	ng	#	97
82) Chrysene	21.26	228	1374026	39.726	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1083195	42.647	ng	#	95
84) Di-n-octyl phthalate	22.04	149	1533901	43.073	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.26	276	1105954	37.612	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	1222125	41.001	ng	#	96
88) Benzo(k)fluoranthene	22.80	252	1237220	41.298	ng	#	96
89) Benzo(a)pyrene	23.32	252	1152820	42.339	ng	#	94
90) Dibenzo(a,h)anthracene	25.61	278	1128013	42.026	ng	#	91
91) Benzo(g,h,i)perylene	26.26	276	1105954	42.448	ng	#	91

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

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