Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000708.D
Acq On : 09 Apr 2018 11:04
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:09 PM

Quant Time: Apr 09 11:59:28 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	162787	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	717318	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	384386	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	774550	20.00	ng		0.00
75) Chrysene-d12	21.22	240	650118	20.00	ng		0.00
86) Perylene-d12	23.42	264	548112	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	901137	90.22	ng		0.00
7) Phenol-d6	6.82	99	1258216	83.16	ng		0.00
23) Nitrobenzene-d5	8.79	82	1163969	96.48	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	337611	88.73	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	2207972	80.96	ng		0.00
78) Terphenyl-d14	19.67	244	2488305	103.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	197006	49.016	ng		96
3) Pyridine	3.63	79	576190	46.055	ng		98
4) n-Nitrosodimethylamine	3.55	42	154134	43.564	ng	#	82
6) Aniline	6.98	93	840701	40.332	ng		93
8) 2-Chlorophenol	7.21	128	471192	40.340	ng		92
9) Benzaldehyde	6.79	77	295704	31.416	ng		93
10) Phenol	6.85	94	665738	41.683	ng		86
11) bis(2-Chloroethyl)ether	7.08	93	540854	41.175	ng		85
12) 1,3-Dichlorobenzene	7.53	146	530397	39.963	ng		98
13) 1,4-Dichlorobenzene	7.68	146	535779	39.530	ng		97
14) 1,2-Dichlorobenzene	7.99	146	517875	38.815	ng		95
15) Benzyl Alcohol	7.88	79	452604	41.620	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.18	45	586716	42.199	ng		79
17) 2-Methylphenol	8.08	107	457775	40.334	ng		96
18) Hexachloroethane	8.70	117	204916	43.431	ng	#	81
19) n-Nitroso-di-n-propylamine	8.45	70	416946	41.126	ng	#	82
20) 3+4-Methylphenols	8.40	107	635467	40.033	ng		94
22) Acetophenone	8.45	105	854620	42.517	ng	#	88
24) Nitrobenzene	8.83	77	623508	47.273	ng	#	96
25) Isophorone	9.35	82	1103854	44.261	ng		98
26) 2-Nitrophenol	9.53	139	246892	50.844	ng		93
27) 2,4-Dimethylphenol	9.59	122	418411	38.699	ng		97
28) bis(2-Chloroethoxy)methane	9.83	93	686001	42.889	ng		97
29) 2,4-Dichlorophenol	10.06	162	415849	41.560	ng		97
30) 1,2,4-Trichlorobenzene	10.27	180	468463	40.655	ng		97
31) Naphthalene	10.46	128	1567417	39.857	ng		98
32) Benzoic acid	9.75	122	367615	54.312	ng		93
33) 4-Chloroaniline	10.56	127	671357	38.862	ng		97
34) Hexachlorobutadiene	10.75	225	250417	41.910	ng		96
35) Caprolactam	11.35	113	145498	35.665	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	511726	40.282	ng		99
37) 2-Methylnaphthalene	12.07	142	1048683	38.326	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	464487	40.939	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	275035	58.153	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	296426	43.592	ng		98
43) 2,4,5-Trichlorophenol	12.76	196	340397	41.640	ng	#	93
45) 1,1'-Biphenyl	13.10	154	1375750	40.638	ng		96
46) 2-Chloronaphthalene	13.14	162	1034779	40.737	ng		97
47) 2-Nitroaniline	13.34	65	323582	47.079	ng		91
48) Acenaphthylene	13.99	152	1699334	41.523	ng		98
49) Dimethylphthalate	13.75	163	1296537	40.350	ng		99
50) 2,6-Dinitrotoluene	13.85	165	271761	40.969	ng		93
51) Acenaphthene	14.33	154	1015093	38.105	ng		98
52) 3-Nitroaniline	14.17	138	318651	39.518	ng	#	96
53) 2,4-Dinitrophenol	14.38	184	128584	68.571	ng		97
54) Dibenzofuran	14.67	168	1458519	38.659	ng		96
55) 4-Nitrophenol	14.48	139	246260	42.278	ng		89
56) 2,4-Dinitrotoluene	14.64	165	366523	41.347	ng		95
57) Fluorene	15.32	166	1179633	38.293	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.90	232	271764m	42.124	ng		
59) Diethylphthalate	15.12	149	1313135	40.214	ng		98
60) 4-Chlorophenyl-phenylether	15.33	204	543113	38.687	ng		93
61) 4-Nitroaniline	15.35	138	317604	38.335	ng		94
62) Azobenzene	15.62	77	1431253	44.032	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	199056	61.932	ng		88
65) n-Nitrosodiphenylamine	15.54	169	1047474	41.561	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	314790	42.738	ng	#	89
67) Hexachlorobenzene	16.32	284	358570	41.686	ng	#	90
68) Atrazine	16.50	200	327547	39.932	ng		94
69) Pentachlorophenol	16.66	266	249706	48.757	ng		99
70) Phenanthrene	17.06	178	1802437	39.396	ng		99
71) Anthracene	17.15	178	1803165	40.703	ng		98
72) Carbazole	17.42	167	1743062	39.056	ng		97
73) Di-n-butylphthalate	18.01	149	2135986	43.354	ng		99
74) Fluoranthene	19.08	202	1887300	39.320	ng		92
76) Benzidine	19.27	184	814427	39.299	ng		96
77) Pyrene	19.45	202	1984408	48.027	ng		99
79) Butylbenzylphthalate	20.38	149	865475	48.365	ng		95
80) Benzo(a)anthracene	21.21	228	1678378	42.002	ng		98
81) 3,3'-Dichlorobenzidine	21.15	252	545208	37.147	ng	#	98
82) Chrysene	21.26	228	1603071	40.257	ng		99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1320404	48.201	ng	#	94
84) Di-n-octyl phthalate	22.05	149	1784083	42.481	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.26	276	1101194	22.512	ng	#	90
87) Benzo(b)fluoranthene	22.76	252	1417402	44.180	ng	#	96
88) Benzo(k)fluoranthene	22.81	252	1407068	43.546	ng	#	96
89) Benzo(a)pyrene	23.32	252	1276903	41.503	ng	#	95
90) Dibenzo(a,h)anthracene	25.62	278	1154543	35.884	ng	#	90
91) Benzo(g,h,i)perylene	26.26	276	1101194	33.847	ng	#	88

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

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