Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000707.D
Acq On : 09 Apr 2018 10:29
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:07 PM

Quant Time: Apr 09 12:03:28 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	142953	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	601772	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	299423	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	547068	20.00	ng		0.00
75) Chrysene-d12	21.22	240	472618	20.00	ng		0.00
86) Perylene-d12	23.41	264	453825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	486288	55.44	ng		0.00
7) Phenol-d6	6.82	99	660770	49.73	ng		0.00
23) Nitrobenzene-d5	8.78	82	580490	57.35	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	139803	47.17	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	1112569	52.37	ng		0.00
78) Terphenyl-d14	19.66	244	1063476	60.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	110604	31.337	ng		95
3) Pyridine	3.63	79	303935	27.664	ng		97
4) n-Nitrosodimethylamine	3.55	42	81467	26.220	ng	#	83
6) Aniline	6.98	93	438053	23.931	ng		93
8) 2-Chlorophenol	7.20	128	248797	24.255	ng		92
9) Benzaldehyde	6.79	77	178151	21.553	ng		93
10) Phenol	6.84	94	346951	24.737	ng		87
11) bis(2-Chloroethyl)ether	7.08	93	284313	24.647	ng		86
12) 1,3-Dichlorobenzene	7.53	146	286235	24.559	ng		99
13) 1,4-Dichlorobenzene	7.68	146	290130	24.376	ng		97
14) 1,2-Dichlorobenzene	7.99	146	278520	23.772	ng		97
15) Benzyl Alcohol	7.88	79	220551	23.095	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.18	45	307734	25.205	ng		79
17) 2-Methylphenol	8.08	107	231843	23.261	ng		95
18) Hexachloroethane	8.70	117	106846	25.788	ng	#	81
19) n-Nitroso-di-n-propylamine	8.44	70	204884	23.013	ng	#	83
20) 3+4-Methylphenols	8.40	107	317924	22.807	ng		94
22) Acetophenone	8.45	105	439125	26.041	ng	#	88
24) Nitrobenzene	8.82	77	315101	28.478	ng	#	97
25) Isophorone	9.35	82	521921	24.946	ng		99
26) 2-Nitrophenol	9.53	139	114792	28.179	ng		94
27) 2,4-Dimethylphenol	9.59	122	210560	23.214	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	342849	25.551	ng		98
29) 2,4-Dichlorophenol	10.05	162	203725	24.269	ng		95
30) 1,2,4-Trichlorobenzene	10.27	180	241405	24.972	ng		96
31) Naphthalene	10.45	128	807324	24.471	ng		97
32) Benzoic acid	9.71	122	145327	25.594	ng		91
33) 4-Chloroaniline	10.56	127	329671	22.747	ng		97
34) Hexachlorobutadiene	10.75	225	129435	25.821	ng		99
35) Caprolactam	11.32	113	58492	17.091	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	237492	22.284	ng		97
37) 2-Methylnaphthalene	12.07	142	523380	22.800	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	232465	26.303	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	129516	35.155	ng		94

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42) 2,4,6-Trichlorophenol	12.69	196	140956	26.610	ng		96
43) 2,4,5-Trichlorophenol	12.75	196	160096	25.141	ng	#	91
45) 1,1'-Biphenyl	13.10	154	677717	25.699	ng		96
46) 2-Chloronaphthalene	13.13	162	510917	25.821	ng		97
47) 2-Nitroaniline	13.34	65	130737	24.419	ng		91
48) Acenaphthylene	13.99	152	803116	25.193	ng		98
49) Dimethylphthalate	13.74	163	586067	23.414	ng		99
50) 2,6-Dinitrotoluene	13.85	165	116702	22.585	ng		93
51) Acenaphthene	14.33	154	487201	23.478	ng		99
52) 3-Nitroaniline	14.17	138	131839	20.990	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	46704	31.973	ng		98
54) Dibenzofuran	14.67	168	694043	23.616	ng		96
55) 4-Nitrophenol	14.47	139	97492	21.487	ng		88
56) 2,4-Dinitrotoluene	14.63	165	146081	21.155	ng		96
57) Fluorene	15.32	166	554343	23.101	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	119871m	23.852	ng		
59) Diethylphthalate	15.12	149	563269	22.145	ng		97
60) 4-Chlorophenyl-phenylether	15.33	204	253551	23.186	ng		94
61) 4-Nitroaniline	15.33	138	125828	19.497	ng		95
62) Azobenzene	15.62	77	642377	25.370	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	73532	32.391	ng		88
65) n-Nitrosodiphenylamine	15.54	169	471803	26.504	ng		96
66) 4-Bromophenyl-phenylether	16.22	248	135713	26.087	ng	#	84
67) Hexachlorobenzene	16.32	284	155843	25.651	ng	#	91
68) Atrazine	16.50	200	131655	22.725	ng		95
69) Pentachlorophenol	16.66	266	96181	26.589	ng		99
70) Phenanthrene	17.06	178	796374	24.644	ng		99
71) Anthracene	17.15	178	784534	25.073	ng		98
72) Carbazole	17.42	167	731834	23.216	ng		97
73) Di-n-butylphthalate	18.01	149	808404	23.231	ng		98
74) Fluoranthene	19.08	202	787288	23.223	ng		93
76) Benzidine	19.27	184	312278	20.728	ng		97
77) Pyrene	19.45	202	830679	27.654	ng		99
79) Butylbenzylphthalate	20.38	149	300126	23.071	ng		94
80) Benzo(a)anthracene	21.20	228	738008	25.405	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	219810	20.601	ng	#	96
82) Chrysene	21.26	228	711957	24.594	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	494432	24.828	ng	#	94
84) Di-n-octyl phthalate	22.05	149	666355	21.826	ng		96
85) Indeno(1,2,3-cd)pyrene	26.26	276	621028	17.464	ng	#	90
87) Benzo(b)fluoranthene	22.76	252	671191	25.267	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	700431	26.180	ng	#	95
89) Benzo(a)pyrene	23.32	252	629212	24.700	ng	#	93
90) Dibenzo(a,h)anthracene	25.61	278	636947	23.910	ng	#	91
91) Benzo(g,h,i)perylene	26.26	276	621028	23.054	ng	#	89

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

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