Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000709.D
Acq On : 09 Apr 2018 11:38
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:12 PM

Quant Time: Apr 09 12:11:20 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	133675	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	548792	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	268331	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	510104	20.00	ng		0.00
75) Chrysene-d12	21.22	240	463690	20.00	ng		0.00
86) Perylene-d12	23.41	264	464941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	943623	115.05	ng		0.00
7) Phenol-d6	6.82	99	1255327	101.04	ng		0.00
23) Nitrobenzene-d5	8.79	82	1130900	122.52	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	278966	105.03	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	1995269	104.80	ng		0.00
78) Terphenyl-d14	19.67	244	2063210	120.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	211752	64.159	ng		96
3) Pyridine	3.63	79	594785	57.895	ng		97
4) n-Nitrosodimethylamine	3.55	42	160083	55.099	ng	#	82
6) Aniline	6.98	93	831614	48.585	ng		93
8) 2-Chlorophenol	7.21	128	475809	49.606	ng		91
9) Benzaldehyde	6.79	77	270176	34.955	ng		95
10) Phenol	6.85	94	659557	50.290	ng		87
11) bis(2-Chloroethyl)ether	7.08	93	535643	49.659	ng		85
12) 1,3-Dichlorobenzene	7.53	146	546890	50.179	ng		98
13) 1,4-Dichlorobenzene	7.68	146	554361	49.809	ng		97
14) 1,2-Dichlorobenzene	7.99	146	525467	47.962	ng		96
15) Benzyl Alcohol	7.88	79	436074	48.833	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.17	45	570211	49.944	ng		80
17) 2-Methylphenol	8.08	107	442328	47.460	ng		96
18) Hexachloroethane	8.70	117	208887	53.915	ng	#	82
19) n-Nitroso-di-n-propylamine	8.45	70	387753	46.575	ng	#	83
20) 3+4-Methylphenols	8.40	107	604796	46.399	ng		94
22) Acetophenone	8.45	105	813061	52.870	ng	#	88
24) Nitrobenzene	8.83	77	600719	59.532	ng	#	95
25) Isophorone	9.35	82	995627	52.181	ng		99
26) 2-Nitrophenol	9.53	139	237999	64.064	ng		93
27) 2,4-Dimethylphenol	9.59	122	394845	47.733	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	637479	52.094	ng		98
29) 2,4-Dichlorophenol	10.05	162	388919	50.804	ng		94
30) 1,2,4-Trichlorobenzene	10.27	180	452053	51.278	ng		97
31) Naphthalene	10.46	128	1494251	49.665	ng		98
32) Benzoic acid	9.75	122	328003	63.341	ng		93
33) 4-Chloroaniline	10.56	127	614632	46.504	ng		97
34) Hexachlorobutadiene	10.75	225	244252	53.431	ng		96
35) Caprolactam	11.34	113	122225	39.161	ng		96
36) 4-Chloro-3-methylphenol	11.69	107	451608	46.466	ng		99
37) 2-Methylnaphthalene	12.08	142	962415	45.974	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	427852	54.020	ng	#	97
40) Hexachlorocyclopentadiene	12.43	237	255905	77.510	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	266249	56.088	ng		97
43) 2,4,5-Trichlorophenol	12.76	196	303424	53.171	ng	#	93
45) 1,1'-Biphenyl	13.10	154	1228766	51.994	ng		97
46) 2-Chloronaphthalene	13.13	162	933157	52.625	ng		97
47) 2-Nitroaniline	13.34	65	275816	57.486	ng		89
48) Acenaphthylene	13.99	152	1479502	51.788	ng		98
49) Dimethylphthalate	13.74	163	1084828	48.363	ng		100
50) 2,6-Dinitrotoluene	13.85	165	229511	49.564	ng		92
51) Acenaphthene	14.33	154	884227	47.548	ng		99
52) 3-Nitroaniline	14.17	138	265047	47.087	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	105821	80.839	ng		95
54) Dibenzofuran	14.67	168	1275047	48.413	ng		96
55) 4-Nitrophenol	14.48	139	201970	49.671	ng		87
56) 2,4-Dinitrotoluene	14.63	165	300627	48.582	ng		97
57) Fluorene	15.32	166	1006538	46.805	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	230564m	51.195	ng		
59) Diethylphthalate	15.12	149	1080510	47.402	ng		98
60) 4-Chlorophenyl-phenylether	15.33	204	464522	47.400	ng		93
61) 4-Nitroaniline	15.35	138	260146	44.980	ng		94
62) Azobenzene	15.62	77	1205672	53.135	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	162508	76.772	ng		89
65) n-Nitrosodiphenylamine	15.54	169	883511	53.229	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	262067	54.025	ng	#	89
67) Hexachlorobenzene	16.32	284	299062	52.792	ng	#	91
68) Atrazine	16.50	200	253364	46.902	ng		94
69) Pentachlorophenol	16.66	266	200579	59.468	ng		98
70) Phenanthrene	17.06	178	1488965	49.416	ng		100
71) Anthracene	17.15	178	1484087	50.868	ng		99
72) Carbazole	17.42	167	1430729	48.677	ng		97
73) Di-n-butylphthalate	18.01	149	1680237	51.783	ng		99
74) Fluoranthene	19.08	202	1549120	49.006	ng		92
76) Benzidine	19.27	184	652696	44.157	ng		95
77) Pyrene	19.45	202	1621802	55.032	ng		99
79) Butylbenzylphthalate	20.38	149	710165	55.642	ng		96
80) Benzo(a)anthracene	21.20	228	1480215	51.936	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	474129	45.293	ng	#	97
82) Chrysene	21.26	228	1432710	50.444	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	1102910	56.449	ng	#	94
84) Di-n-octyl phthalate	22.05	149	1626425	54.297	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.26	276	1349346	38.675	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	1455435	53.480	ng	#	95
88) Benzo(k)fluoranthene	22.81	252	1422589	51.902	ng	#	96
89) Benzo(a)pyrene	23.32	252	1354748	51.910	ng	#	94
90) Dibenzo(a,h)anthracene	25.62	278	1382065	50.640	ng	#	92
91) Benzo(g,h,i)perylene	26.26	276	1349346	48.894	ng	#	87

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

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