Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020118\
Data File : BN000008.D
Acq On : 01 Feb 2018 18:44
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 04:47:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 17:51:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	248037	20.00	ng		0.00
21) Naphthalene-d8	11.33	136	1311397	20.00	ng		0.00
38) Acenaphthene-d10	15.10	164	807170	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	1906607	20.00	ng		0.00
75) Chrysene-d12	21.94	240	2270009	20.00	ng		-0.01
86) Perylene-d12	24.44	264	2541359	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2718229	220.12	ng		0.00
7) Phenol-d6	7.60	99	4296774	260.75	ng		0.00
23) Nitrobenzene-d5	9.66	82	3819866	181.94	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	1423635	92.66	ng		0.00
44) 2-Fluorobiphenyl	13.73	172	9041688	133.14	ng		0.00
78) Terphenyl-d14	20.38	244	11897659	112.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	493550	118.788	ng		96
3) Pyridine	4.10	79	1830447	163.158	ng		98
4) n-Nitrosodimethylamine	4.01	42	501534	85.877	ng	#	97
6) Aniline	7.79	93	2912450	141.754	ng		91
8) 2-Chlorophenol	8.03	128	1547035	105.981	ng		86
9) Benzaldehyde	7.60	77	792356	93.096	ng		88
10) Phenol	7.63	94	2195161	140.275	ng		86
11) bis(2-Chloroethyl)ether	7.89	93	1656733	138.945	ng	#	83
12) 1,3-Dichlorobenzene	8.37	146	1610318	81.573	ng		99
13) 1,4-Dichlorobenzene	8.52	146	1658700	83.832	ng		97
14) 1,2-Dichlorobenzene	8.85	146	1655989	85.437	ng		97
15) Benzyl Alcohol	8.72	79	1593684	117.345	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.01	45	1766231	156.322	ng		80
17) 2-Methylphenol	8.92	107	1584926	124.701	ng		95
18) Hexachloroethane	9.59	117	584120	87.929	ng	#	83
19) n-Nitroso-di-n-propylamine	9.29	70	1418625	129.838	ng	#	83
20) 3+4-Methylphenols	9.25	107	2257661	126.635	ng		93
22) Acetophenone	9.32	105	3049546	99.202	ng	#	88
24) Nitrobenzene	9.70	77	2019088	99.451	ng	#	93
25) Isophorone	10.23	82	4165453	116.516	ng		97
26) 2-Nitrophenol	10.42	139	689001	56.141	ng		90
27) 2,4-Dimethylphenol	10.46	122	1696607	96.315	ng		94
28) bis(2-Chloroethoxy)methane	10.71	93	2360127	120.390	ng		96
29) 2,4-Dichlorophenol	10.96	162	1571229	67.333	ng		97
30) 1,2,4-Trichlorobenzene	11.18	180	1662814	53.464	ng		97
31) Naphthalene	11.38	128	5709631	89.144	ng		98
32) Benzoic acid	10.59	122	1169869	98.535	ng		88
33) 4-Chloroaniline	11.48	127	2814722	98.530	ng		94
34) Hexachlorobutadiene	11.66	225	836615	34.574	ng		97
35) Caprolactam	12.23	113	731823	109.245	ng		95
36) 4-Chloro-3-methylphenol	12.56	107	2075473	93.766	ng		97
37) 2-Methylnaphthalene	12.96	142	4090436	76.018	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.31	216	1847444	48.924	ng	#	96
40) Hexachlorocyclopentadiene	13.29	237	693452	29.391	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	1204922	58.662 ng		98
43) 2,4,5-Trichlorophenol	13.60	196	1439077	60.101 ng	#	93
45) 1,1'-Biphenyl	13.94	154	5549545	81.379 ng		97
46) 2-Chloronaphthalene	13.99	162	4268563	79.862 ng		97
47) 2-Nitroaniline	14.17	65	1236032	104.573 ng	#	81
48) Acenaphthylene	14.82	152	7240440	89.607 ng		98
49) Dimethylphthalate	14.54	163	5762690	77.430 ng		100
50) 2,6-Dinitrotoluene	14.66	165	1189982	76.179 ng		93
51) Acenaphthene	15.16	154	4574162	81.626 ng		98
52) 3-Nitroaniline	14.99	138	1482019	108.619 ng	#	89
53) 2,4-Dinitrophenol	15.18	184	304235	34.710 ng	#	19
54) Dibenzofuran	15.49	168	6394255	77.093 ng		95
55) 4-Nitrophenol	15.26	139	1132014	110.821 ng	#	87
56) 2,4-Dinitrotoluene	15.43	165	1629392	73.260 ng		92
57) Fluorene	16.13	166	5401528	78.371 ng		95
58) 2,3,4,6-Tetrachlorophenol	15.70	232	1181479m	50.029 ng		
59) Diethylphthalate	15.89	149	6061095	83.617 ng		98
60) 4-Chlorophenyl-phenylether	16.12	204	2403370	55.299 ng		93
61) 4-Nitroaniline	16.13	138	1578901	107.966 ng		93
62) Azobenzene	16.41	77	5989566	138.270 ng		91
64) 4,6-Dinitro-2-methylphenol	16.19	198	604141	42.415 ng		89
65) n-Nitrosodiphenylamine	16.33	169	4886958	85.887 ng		97
66) 4-Bromophenyl-phenylether	17.00	248	1410363	49.931 ng	#	87
67) Hexachlorobenzene	17.12	284	1606488	51.394 ng	#	89
68) Atrazine	17.26	200	1460598	59.797 ng		95
69) Pentachlorophenol	17.46	266	1085096	55.414 ng		98
70) Phenanthrene	17.86	178	8688603	81.717 ng		98
71) Anthracene	17.95	178	8798316	83.105 ng		99
72) Carbazole	18.20	167	9126051	97.561 ng	#	97
73) Di-n-butylphthalate	18.75	149	10400679	100.425 ng	#	97
74) Fluoranthene	19.83	202	9964938	71.465 ng		89
76) Benzidine	20.00	184	4221873	94.716 ng		96
77) Pyrene	20.19	202	10564827	75.881 ng		94
79) Butylbenzylphthalate	21.06	149	5138509	117.008 ng		97
80) Benzo(a)anthracene	21.92	228	10563476	75.063 ng		96
81) 3,3'-Dichlorobenzidine	21.85	252	3905309	71.625 ng	#	96
82) Chrysene	21.98	228	10358270	76.216 ng		93
83) Bis(2-ethylhexyl)phthalate	21.83	149	7730822	124.152 ng	#	99
84) Di-n-octyl phthalate	22.80	149	12876176	130.371 ng	#	94
85) Indeno(1,2,3-cd)pyrene	27.04	276	14997115	87.230 ng	#	85
87) Benzo(b)fluoranthene	23.68	252	11896718	77.475 ng	#	94
88) Benzo(k)fluoranthene	23.74	252	11406495	74.986 ng	#	92
89) Benzo(a)pyrene	24.33	252	11660385	79.652 ng	#	95
90) Dibenzo(a,h)anthracene	27.06	278	12448862	83.128 ng	#	89
91) Benzo(g,h,i)perylene	27.83	276	12865667	86.553 ng	#	86

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

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