Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000737.D
Acq On : 18 Apr 2018 12:48
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
4/19/2018 5:42:53 PM

Quant Time: Apr 18 13:39:33 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	151293	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	623172	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	302862	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	562286	20.00	ng		0.00
75) Chrysene-d12	21.22	240	475737	20.00	ng		0.00
86) Perylene-d12	23.41	264	486474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1211777	118.26	ng		0.00
7) Phenol-d6	6.82	99	1643464	117.82	ng		0.00
23) Nitrobenzene-d5	8.78	82	1482146	125.86	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	383471	128.78	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	2612322	118.88	ng		0.00
78) Terphenyl-d14	19.66	244	2536711	116.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	267407	56.886	ng		95
3) Pyridine	3.63	79	709680	55.937	ng		98
4) n-Nitrosodimethylamine	3.55	42	204706	59.572	ng	#	80
6) Aniline	6.98	93	1091144	58.602	ng		93
8) 2-Chlorophenol	7.20	128	622854	58.855	ng		91
9) Benzaldehyde	6.79	77	318896	45.072	ng		93
10) Phenol	6.85	94	859301	57.935	ng		86
11) bis(2-Chloroethyl)ether	7.08	93	698693	57.339	ng		85
12) 1,3-Dichlorobenzene	7.52	146	721471	58.821	ng		99
13) 1,4-Dichlorobenzene	7.67	146	729918	58.742	ng		98
14) 1,2-Dichlorobenzene	7.98	146	689089	57.754	ng		96
15) Benzyl Alcohol	7.88	79	593868	62.507	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.17	45	721479	54.578	ng		78
17) 2-Methylphenol	8.08	107	588945	59.553	ng		96
18) Hexachloroethane	8.70	117	279256	60.975	ng	#	82
19) n-Nitroso-di-n-propylamine	8.45	70	506325	58.072	ng	#	81
20) 3+4-Methylphenols	8.40	107	803900	59.226	ng		94
22) Acetophenone	8.45	105	1054816	58.787	ng	#	87
24) Nitrobenzene	8.82	77	779691	60.974	ng	#	95
25) Isophorone	9.35	82	1333935	61.360	ng		98
26) 2-Nitrophenol	9.52	139	331518	65.495	ng		92
27) 2,4-Dimethylphenol	9.59	122	520774	60.399	ng		97
28) bis(2-Chloroethoxy)methane	9.83	93	834394	58.338	ng		97
29) 2,4-Dichlorophenol	10.05	162	524051	62.606	ng		95
30) 1,2,4-Trichlorobenzene	10.27	180	611337	60.626	ng		98
31) Naphthalene	10.45	128	1970997	58.535	ng		98
32) Benzoic acid	9.77	122	482377	68.166	ng		93
33) 4-Chloroaniline	10.56	127	817716	59.751	ng		96
34) Hexachlorobutadiene	10.74	225	340810	62.838	ng		96
35) Caprolactam	11.36	113	173644	63.563	ng		98
36) 4-Chloro-3-methylphenol	11.69	107	611301	61.379	ng		98
37) 2-Methylnaphthalene	12.07	142	1282059	58.183	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	581936	62.489	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	366554	70.579	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	367724	66.780	ng		98
43) 2,4,5-Trichlorophenol	12.76	196	414840	64.823	ng		95
45) 1,1'-Biphenyl	13.10	154	1633912	60.094	ng		96
46) 2-Chloronaphthalene	13.13	162	1237846	60.580	ng		97
47) 2-Nitroaniline	13.34	65	371674	64.135	ng		86
48) Acenaphthylene	13.99	152	1962215	60.942	ng		98
49) Dimethylphthalate	13.74	163	1434150	59.486	ng		99
50) 2,6-Dinitrotoluene	13.85	165	312060	62.510	ng		93
51) Acenaphthene	14.33	154	1164266	58.522	ng		98
52) 3-Nitroaniline	14.17	138	353868	61.894	ng	#	94
53) 2,4-Dinitrophenol	14.37	184	151354	67.492	ng		95
54) Dibenzofuran	14.67	168	1661804	58.104	ng		96
55) 4-Nitrophenol	14.49	139	263076	60.454	ng	#	84
56) 2,4-Dinitrotoluene	14.63	165	405667	62.585	ng		93
57) Fluorene	15.32	166	1281322	56.725	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	307678m	62.049	ng		
59) Diethylphthalate	15.12	149	1413912	59.676	ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	601727	56.980	ng		92
61) 4-Nitroaniline	15.35	138	341868	61.347	ng		95
62) Azobenzene	15.62	77	1501946	57.438	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	221010	65.964	ng		88
65) n-Nitrosodiphenylamine	15.54	169	1146183	61.084	ng		95
66) 4-Bromophenyl-phenylether	16.22	248	356640	63.431	ng	#	90
67) Hexachlorobenzene	16.32	284	405328	62.438	ng		94
68) Atrazine	16.49	200	296400	57.086	ng		94
69) Pentachlorophenol	16.66	266	262889	62.368	ng		100
70) Phenanthrene	17.06	178	1895930	58.012	ng		100
71) Anthracene	17.15	178	1903338	59.712	ng		98
72) Carbazole	17.42	167	1771064	58.645	ng		97
73) Di-n-butylphthalate	18.00	149	2167916	61.736	ng		98
74) Fluoranthene	19.08	202	1939497	59.290	ng		94
76) Benzidine	19.27	184	849649	65.334	ng		95
77) Pyrene	19.45	202	2005612	58.984	ng		99
79) Butylbenzylphthalate	20.37	149	915419	66.230	ng		97
80) Benzo(a)anthracene	21.20	228	1795881	59.991	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	596293	65.372	ng	#	97
82) Chrysene	21.26	228	1732281	59.328	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1364446	63.636	ng	#	95
84) Di-n-octyl phthalate	22.04	149	2070670	68.878	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.26	276	1690320	68.095	ng	#	92
87) Benzo(b)fluoranthene	22.76	252	1750644	59.298	ng	#	96
88) Benzo(k)fluoranthene	22.80	252	1767006	59.550	ng	#	96
89) Benzo(a)pyrene	23.32	252	1682746	62.395	ng	#	95
90) Dibenzo(a,h)anthracene	25.62	278	1712724	64.424	ng	#	93
91) Benzo(g,h,i)perylene	26.26	276	1690320	65.500	ng	#	89

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

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