Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015276.D
Acq On : 23 May 2018 15:14
Operator : SJ/JU
Sample : J2923-02
Misc : LOQ 10 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SCM-Precision-Bias-2

Manual Integrations APPROVED
Sohil
5/24/2018 5:38:06 PM

Quant Time: May 24 14:16:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	231579	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	995998	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	534353	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1056030	20.00	ng		0.00
75) Chrysene-d12	21.83	240	931225	20.00	ng		0.00
86) Perylene-d12	24.27	264	877779	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1775790	125.46	ng		0.00
7) Phenol-d6	7.55	99	2366728	128.40	ng		0.00
23) Nitrobenzene-d5	9.59	82	1498019	82.39	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	897104	133.88	ng		0.00
44) 2-Fluorobiphenyl	13.64	172	3447387	80.20	ng		0.00
78) Terphenyl-d14	20.29	244	4045573	95.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	50399	8.619	ng	#	100
3) Pyridine	4.07	79	122258m	8.161	ng		
4) n-Nitrosodimethylamine	3.98	42	68984	8.511	ng	#	65
6) Aniline	7.72	93	207341	9.130	ng		96
8) 2-Chlorophenol	7.96	128	144770	9.063	ng		94
9) Benzaldehyde	7.53	77	69745	5.982	ng		93
10) Phenol	7.57	94	170351	9.101	ng		84
11) bis(2-Chloroethyl)ether	7.81	93	137524	9.263	ng		90
12) 1,3-Dichlorobenzene	8.29	146	165924	9.110	ng		97
13) 1,4-Dichlorobenzene	8.44	146	167328	9.086	ng		96
14) 1,2-Dichlorobenzene	8.76	146	157489	9.010	ng		96
15) Benzyl Alcohol	8.65	79	121265	9.098	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.93	45	225052	9.608	ng		96
17) 2-Methylphenol	8.85	107	114612	9.211	ng	#	94
18) Hexachloroethane	9.50	117	57297	8.761	ng		90
19) n-Nitroso-di-n-propylamine	9.21	70	109580	9.328	ng		91
20) 3+4-Methylphenols	9.17	107	151388	9.163	ng		96
22) Acetophenone	9.24	105	212521	8.895	ng	#	93
24) Nitrobenzene	9.63	77	173998	9.191	ng		96
25) Isophorone	10.15	82	277904	8.899	ng		95
26) 2-Nitrophenol	10.35	139	66414	7.819	ng	#	83
27) 2,4-Dimethylphenol	10.39	122	133975	8.697	ng		90
28) bis(2-Chloroethoxy)methane	10.63	93	188807	9.233	ng		100
29) 2,4-Dichlorophenol	10.88	162	123938	8.496	ng		97
30) 1,2,4-Trichlorobenzene	11.10	180	152644	8.882	ng		99
31) Naphthalene	11.29	128	460173	8.889	ng		99
32) Benzoic acid	10.48	122	63046	7.075	ng		90
33) 4-Chloroaniline	11.40	127	180941	8.758	ng	#	91
34) Hexachlorobutadiene	11.56	225	90583	8.863	ng		95
35) Caprolactam	12.16	113	30417	7.367	ng		95
36) 4-Chloro-3-methylphenol	12.49	107	128909	8.650	ng		91
37) 2-Methylnaphthalene	12.87	142	324523	9.046	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	163600	8.692	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	75216	10.983	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	94851	8.386 ng		97
43) 2,4,5-Trichlorophenol	13.53	196	100901	8.262 ng	#	90
45) 1,1'-Biphenyl	13.86	154	418485	8.951 ng		98
46) 2-Chloronaphthalene	13.91	162	318494	8.851 ng		95
47) 2-Nitroaniline	14.11	65	76382	7.451 ng		89
48) Acenaphthylene	14.74	152	459882	8.604 ng		100
49) Dimethylphthalate	14.46	163	378874	8.884 ng	#	99
50) 2,6-Dinitrotoluene	14.59	165	75795	8.519 ng		90
51) Acenaphthene	15.08	154	292905	8.798 ng		100
52) 3-Nitroaniline	14.92	138	70424	7.517 ng	#	77
53) 2,4-Dinitrophenol	15.13	184	25636	10.973 ng		93
54) Dibenzofuran	15.41	168	471359	8.979 ng		95
55) 4-Nitrophenol	15.21	139	52969	6.971 ng	#	53
56) 2,4-Dinitrotoluene	15.37	165	91672	7.525 ng	#	80
57) Fluorene	16.05	166	359687	8.670 ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	86795	8.287 ng	#	100
59) Diethylphthalate	15.80	149	371492	8.837 ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	186707	8.836 ng		97
61) 4-Nitroaniline	16.07	138	69113	7.056 ng	#	66
62) Azobenzene	16.32	77	346320	8.672 ng		89
64) 4,6-Dinitro-2-methylphenol	16.12	198	38298	6.571 ng		92
65) n-Nitrosodiphenylamine	16.24	169	307486	9.062 ng		99
66) 4-Bromophenyl-phenylether	16.92	248	107207	9.087 ng	#	91
67) Hexachlorobenzene	17.04	284	123909	9.120 ng	#	88
68) Atrazine	17.17	200	82234	7.640 ng		97
69) Pentachlorophenol	17.38	266	53283	7.045 ng		98
70) Phenanthrene	17.77	178	537843	8.942 ng		99
71) Anthracene	17.87	178	521960	8.705 ng		99
72) Carbazole	18.13	167	453867	8.550 ng		100
73) Di-n-butylphthalate	18.65	149	526298	8.421 ng		98
74) Fluoranthene	19.75	202	551234	8.356 ng		98
76) Benzidine	19.92	184	137629m	4.721 ng		
77) Pyrene	20.10	202	559651	9.522 ng		99
79) Butylbenzylphthalate	20.95	149	205029	8.544 ng		91
80) Benzo(a)anthracene	21.82	228	526042	8.964 ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	181816	8.368 ng		100
82) Chrysene	21.87	228	499305	9.034 ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	290651	8.327 ng		98
84) Di-n-octyl phthalate	22.63	149	463381	7.590 ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.79	276	533121	7.973 ng	#	90
87) Benzo(b)fluoranthene	23.52	252	484106	8.716 ng		98
88) Benzo(k)fluoranthene	23.57	252	492529	9.375 ng		99
89) Benzo(a)pyrene	24.16	252	453107	8.747 ng		98
90) Dibenzo(a,h)anthracene	26.79	278	455948	8.627 ng		97
91) Benzo(g,h,i)perylene	27.56	276	435524	8.461 ng		97

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

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