Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015278.D
Acq On : 23 May 2018 16:28
Operator : SJ/JU
Sample : J2923-04
Misc : LOO 10 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Manual Integrations APPROVED
Sohil
5/24/2018 5:38:10 PM

Quant Time: May 24 14:18:02 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	226134	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	955529	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	514502	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1028857	20.00	ng		0.00
75) Chrysene-d12	21.83	240	923054	20.00	ng		0.00
86) Perylene-d12	24.27	264	875832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1730573	125.21	ng		0.00
7) Phenol-d6	7.55	99	2273208	126.30	ng		0.00
23) Nitrobenzene-d5	9.59	82	1461971	83.81	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	881123	136.57	ng		0.00
44) 2-Fluorobiphenyl	13.64	172	3376798	81.59	ng		0.00
78) Terphenyl-d14	20.29	244	4022951	96.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	51149	8.957	ng	#	100
3) Pyridine	4.07	79	124142m	8.487	ng		
4) n-Nitrosodimethylamine	3.97	42	70412	8.896	ng	#	62
6) Aniline	7.72	93	207949	9.377	ng		97
8) 2-Chlorophenol	7.96	128	145411	9.322	ng		95
9) Benzaldehyde	7.53	77	71215	6.256	ng		88
10) Phenol	7.57	94	173296	9.481	ng		80
11) bis(2-Chloroethyl)ether	7.81	93	136530	9.417	ng		91
12) 1,3-Dichlorobenzene	8.29	146	164630	9.257	ng		97
13) 1,4-Dichlorobenzene	8.44	146	167504	9.315	ng		95
14) 1,2-Dichlorobenzene	8.76	146	161036	9.435	ng		95
15) Benzyl Alcohol	8.65	79	121811	9.359	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	228342	9.983	ng		95
17) 2-Methylphenol	8.85	107	114544	9.427	ng		93
18) Hexachloroethane	9.50	117	59055	9.248	ng		90
19) n-Nitroso-di-n-propylamine	9.22	70	114165	9.952	ng		90
20) 3+4-Methylphenols	9.17	107	151340	9.381	ng		95
22) Acetophenone	9.24	105	214916	9.376	ng	#	94
24) Nitrobenzene	9.63	77	177855	9.792	ng		95
25) Isophorone	10.15	82	280711	9.369	ng		96
26) 2-Nitrophenol	10.35	139	66262	8.131	ng	#	77
27) 2,4-Dimethylphenol	10.39	122	134693	9.114	ng		94
28) bis(2-Chloroethoxy)methane	10.63	93	190135	9.692	ng		99
29) 2,4-Dichlorophenol	10.88	162	126650	9.050	ng		96
30) 1,2,4-Trichlorobenzene	11.10	180	155616	9.438	ng		99
31) Naphthalene	11.29	128	462698	9.316	ng		99
32) Benzoic acid	10.48	122	65999	7.720	ng		93
33) 4-Chloroaniline	11.40	127	183677	9.267	ng	#	93
34) Hexachlorobutadiene	11.56	225	91611	9.343	ng		98
35) Caprolactam	12.16	113	31095	7.850	ng		88
36) 4-Chloro-3-methylphenol	12.49	107	133063	9.307	ng		92
37) 2-Methylnaphthalene	12.87	142	329388	9.570	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	167303	9.232	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	79650	11.553	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	95979	8.813 ng		97
43) 2,4,5-Trichlorophenol	13.53	196	105348	8.959 ng	#	87
45) 1,1'-Biphenyl	13.86	154	427548	9.498 ng		98
46) 2-Chloronaphthalene	13.91	162	323407	9.335 ng		94
47) 2-Nitroaniline	14.10	65	78973	8.001 ng		86
48) Acenaphthylene	14.74	152	471206	9.156 ng		99
49) Dimethylphthalate	14.46	163	386420	9.411 ng		100
50) 2,6-Dinitrotoluene	14.59	165	76310	8.908 ng		90
51) Acenaphthene	15.08	154	295940	9.232 ng		98
52) 3-Nitroaniline	14.92	138	72433	8.030 ng	#	85
53) 2,4-Dinitrophenol	15.13	184	27787	11.530 ng		92
54) Dibenzofuran	15.41	168	476638	9.430 ng		94
55) 4-Nitrophenol	15.21	139	54303	7.422 ng	#	54
56) 2,4-Dinitrotoluene	15.37	165	93584	7.978 ng	#	84
57) Fluorene	16.05	166	367732	9.206 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	87289	8.656 ng	#	100
59) Diethylphthalate	15.80	149	374444	9.251 ng		97
60) 4-Chlorophenyl-phenylether	16.03	204	190553	9.366 ng		94
61) 4-Nitroaniline	16.07	138	70802	7.508 ng	#	69
62) Azobenzene	16.32	77	354953	9.231 ng		90
64) 4,6-Dinitro-2-methylphenol	16.13	198	40778	7.181 ng		94
65) n-Nitrosodiphenylamine	16.24	169	313022	9.469 ng		98
66) 4-Bromophenyl-phenylether	16.92	248	110376	9.602 ng	#	92
67) Hexachlorobenzene	17.04	284	125224	9.460 ng	#	86
68) Atrazine	17.17	200	84111	8.021 ng		97
69) Pentachlorophenol	17.38	266	55929	7.590 ng		97
70) Phenanthrene	17.77	178	549186	9.371 ng		100
71) Anthracene	17.87	178	534718	9.154 ng		98
72) Carbazole	18.13	167	461813	8.930 ng		100
73) Di-n-butylphthalate	18.65	149	540984	8.885 ng		98
74) Fluoranthene	19.75	202	567699	8.833 ng		98
76) Benzidine	19.92	184	135161m	4.677 ng		
77) Pyrene	20.10	202	574769	9.866 ng		99
79) Butylbenzylphthalate	20.95	149	213515	8.976 ng		92
80) Benzo(a)anthracene	21.81	228	547786	9.417 ng		100
81) 3,3'-Dichlorobenzidine	21.73	252	186549	8.661 ng		99
82) Chrysene	21.87	228	515873	9.417 ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	306885	8.870 ng		96
84) Di-n-octyl phthalate	22.63	149	485610	8.025 ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.78	276	558133	8.421 ng	#	91
87) Benzo(b)fluoranthene	23.52	252	510476	9.212 ng		98
88) Benzo(k)fluoranthene	23.57	252	500299	9.544 ng		98
89) Benzo(a)pyrene	24.16	252	467908	9.052 ng		99
90) Dibenzo(a,h)anthracene	26.79	278	475257	9.012 ng		99
91) Benzo(g,h,i)perylene	27.56	276	456082	8.880 ng		97

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

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