Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015280.D
Acq On : 23 May 2018 17:42
Operator : SJ/JU
Sample : J2923-05
Misc : LOQ 10 PPM(625)
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Manual Integrations APPROVED
Sohil
5/24/2018 11:02:39 AM

Quant Time: May 24 14:18:37 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	219062	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	895120	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	474648	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	948926	20.00	ng		0.00
75) Chrysene-d12	21.83	240	846859	20.00	ng		0.00
86) Perylene-d12	24.26	264	813476	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1123048	83.88	ng		0.00
7) Phenol-d6	7.54	99	1489222	85.41	ng		0.00
23) Nitrobenzene-d5	9.59	82	1420282	86.92	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	550753	92.53	ng		0.00
44) 2-Fluorobiphenyl	13.64	172	3127793	81.92	ng		0.00
78) Terphenyl-d14	20.29	244	4269009	111.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	49277	8.908	ng	#	100
3) Pyridine	4.07	79	121538m	8.577	ng		
4) n-Nitrosodimethylamine	3.97	42	68188m	8.894	ng		
6) Aniline	7.72	93	199670	9.294	ng		98
8) 2-Chlorophenol	7.96	128	137531	9.101	ng		96
9) Benzaldehyde	7.53	77	66197	6.002	ng		92
10) Phenol	7.57	94	163576	9.239	ng		81
11) bis(2-Chloroethyl)ether	7.81	93	129120	9.194	ng		90
12) 1,3-Dichlorobenzene	8.29	146	156868	9.105	ng	#	93
13) 1,4-Dichlorobenzene	8.44	146	158135	9.078	ng		96
14) 1,2-Dichlorobenzene	8.76	146	151715	9.176	ng		95
15) Benzyl Alcohol	8.65	79	115675	9.175	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	215363	9.720	ng		94
17) 2-Methylphenol	8.85	107	107223	9.110	ng	#	94
18) Hexachloroethane	9.50	117	55792	9.019	ng		90
19) n-Nitroso-di-n-propylamine	9.22	70	103666	9.328	ng	#	87
20) 3+4-Methylphenols	9.17	107	144304	9.233	ng		95
22) Acetophenone	9.24	105	200955	9.359	ng	#	93
24) Nitrobenzene	9.63	77	167383	9.838	ng		96
25) Isophorone	10.15	82	256847	9.151	ng		97
26) 2-Nitrophenol	10.35	139	61996	8.121	ng	#	81
27) 2,4-Dimethylphenol	10.39	122	128584	9.287	ng		91
28) bis(2-Chloroethoxy)methane	10.63	93	177253	9.645	ng		99
29) 2,4-Dichlorophenol	10.88	162	119747	9.134	ng		96
30) 1,2,4-Trichlorobenzene	11.10	180	145176	9.399	ng		99
31) Naphthalene	11.29	128	438122	9.417	ng		99
32) Benzoic acid	10.47	122	60975	7.613	ng		98
33) 4-Chloroaniline	11.40	127	170826	9.201	ng	#	91
34) Hexachlorobutadiene	11.56	225	87504	9.527	ng		96
35) Caprolactam	12.16	113	27863	7.509	ng		96
36) 4-Chloro-3-methylphenol	12.49	107	121373	9.062	ng		92
37) 2-Methylnaphthalene	12.87	142	308050	9.554	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	156440	9.357	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	73997	11.597	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	88212	8.780	ng		98
43) 2,4,5-Trichlorophenol	13.53	196	94600	8.720	ng	#	89
45) 1,1'-Biphenyl	13.86	154	396071	9.537	ng		99
46) 2-Chloronaphthalene	13.91	162	299550	9.372	ng		95
47) 2-Nitroaniline	14.11	65	70202	7.710	ng		90
48) Acenaphthylene	14.74	152	431062	9.080	ng		99
49) Dimethylphthalate	14.46	163	352095	9.295	ng		99
50) 2,6-Dinitrotoluene	14.59	165	70340	8.901	ng		89
51) Acenaphthene	15.07	154	273788	9.258	ng		99
52) 3-Nitroaniline	14.92	138	65476	7.868	ng	#	79
53) 2,4-Dinitrophenol	15.13	184	24880	11.383	ng		91
54) Dibenzofuran	15.41	168	438777	9.410	ng		95
55) 4-Nitrophenol	15.21	139	48444	7.177	ng	#	55
56) 2,4-Dinitrotoluene	15.37	165	82376	7.612	ng	#	82
57) Fluorene	16.05	166	337145	9.149	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	79594	8.556	ng	#	100
59) Diethylphthalate	15.80	149	343703	9.204	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	176610	9.409	ng		98
61) 4-Nitroaniline	16.07	138	63765	7.329	ng	#	72
62) Azobenzene	16.32	77	325078	9.164	ng		88
64) 4,6-Dinitro-2-methylphenol	16.13	198	35556	6.789	ng		92
65) n-Nitrosodiphenylamine	16.24	169	284560	9.333	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	100638	9.493	ng	#	90
67) Hexachlorobenzene	17.04	284	113045	9.259	ng	#	84
68) Atrazine	17.17	200	73303	7.579	ng		95
69) Pentachlorophenol	17.38	266	49294	7.253	ng		97
70) Phenanthrene	17.77	178	502603	9.299	ng		100
71) Anthracene	17.86	178	486979	9.039	ng		100
72) Carbazole	18.13	167	420991	8.826	ng		99
73) Di-n-butylphthalate	18.65	149	483326	8.607	ng		98
74) Fluoranthene	19.74	202	515699	8.700	ng		97
76) Benzidine	19.92	184	127608m	4.813	ng		
77) Pyrene	20.10	202	522125	9.769	ng		100
79) Butylbenzylphthalate	20.95	149	188249	8.626	ng		90
80) Benzo(a)anthracene	21.81	228	499709	9.364	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	171085	8.658	ng		96
82) Chrysene	21.87	228	478862	9.527	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	275842	8.690	ng		97
84) Di-n-octyl phthalate	22.63	149	438085	7.891	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.78	276	526126	8.652	ng	#	91
87) Benzo(b)fluoranthene	23.52	252	476155	9.251	ng	#	97
88) Benzo(k)fluoranthene	23.57	252	468895	9.631	ng		100
89) Benzo(a)pyrene	24.16	252	436097	9.084	ng		99
90) Dibenzo(a,h)anthracene	26.79	278	448455	9.156	ng		99
91) Benzo(g,h,i)perylene	27.56	276	433423	9.085	ng		96

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

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