Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015283.D
Acq On : 23 May 2018 19:33
Operator : SJ/JU
Sample : J2923-08
Misc : LOQ 10 PPM(625)
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/24/2018 11:02:46 AM

Quant Time: May 24 03:37:37 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	231142	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	944953	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	510270	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1023645	20.00	ng		0.00
75) Chrysene-d12	21.83	240	898763	20.00	ng		0.00
86) Perylene-d12	24.27	264	842918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1205137	85.30	ng		0.00
7) Phenol-d6	7.54	99	1623680	88.26	ng		0.00
23) Nitrobenzene-d5	9.59	82	1471156	85.28	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	639411	99.93	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3313197	80.72	ng		0.00
78) Terphenyl-d14	20.29	244	4581621	112.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	53798	9.217	ng	#	100
3) Pyridine	4.08	79	131798m	8.815	ng		
4) n-Nitrosodimethylamine	3.98	42	72457	8.956	ng	#	67
6) Aniline	7.72	93	218354	9.633	ng		96
8) 2-Chlorophenol	7.96	128	150551	9.442	ng		96
9) Benzaldehyde	7.53	77	71573	6.151	ng		93
10) Phenol	7.57	94	179000	9.581	ng		83
11) bis(2-Chloroethyl)ether	7.81	93	142443	9.612	ng		90
12) 1,3-Dichlorobenzene	8.29	146	170740	9.392	ng	#	94
13) 1,4-Dichlorobenzene	8.44	146	172379	9.378	ng		97
14) 1,2-Dichlorobenzene	8.76	146	166391	9.538	ng		95
15) Benzyl Alcohol	8.65	79	125352	9.423	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.92	45	233766	9.999	ng		96
17) 2-Methylphenol	8.85	107	118158	9.514	ng	#	94
18) Hexachloroethane	9.50	117	60563	9.278	ng	#	91
19) n-Nitroso-di-n-propylamine	9.21	70	115443	9.845	ng	#	89
20) 3+4-Methylphenols	9.17	107	158564	9.615	ng		94
22) Acetophenone	9.24	105	224580	9.907	ng	#	94
24) Nitrobenzene	9.63	77	180172	10.031	ng		97
25) Isophorone	10.15	82	288766	9.746	ng		96
26) 2-Nitrophenol	10.35	139	67870	8.422	ng	#	78
27) 2,4-Dimethylphenol	10.39	122	140294	9.599	ng		89
28) bis(2-Chloroethoxy)methane	10.63	93	196873	10.148	ng		100
29) 2,4-Dichlorophenol	10.88	162	133272	9.629	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	156798	9.616	ng		97
31) Naphthalene	11.29	128	478466	9.742	ng		100
32) Benzoic acid	10.48	122	67688	8.006	ng		90
33) 4-Chloroaniline	11.40	127	187801	9.582	ng	#	91
34) Hexachlorobutadiene	11.56	225	94721	9.769	ng		99
35) Caprolactam	12.16	113	32522	8.302	ng		90
36) 4-Chloro-3-methylphenol	12.49	107	139227	9.847	ng		90
37) 2-Methylnaphthalene	12.87	142	341478	10.033	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	172161	9.579	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	82422	11.826	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	98230	9.095 ng		96
43) 2,4,5-Trichlorophenol	13.53	196	108866	9.335 ng	#	89
45) 1,1'-Biphenyl	13.86	154	438992	9.833 ng		99
46) 2-Chloronaphthalene	13.91	162	335087	9.752 ng		94
47) 2-Nitroaniline	14.10	65	82555	8.433 ng		87
48) Acenaphthylene	14.75	152	488179	9.565 ng		99
49) Dimethylphthalate	14.46	163	405986	9.969 ng		99
50) 2,6-Dinitrotoluene	14.59	165	81043	9.539 ng		91
51) Acenaphthene	15.08	154	306421	9.638 ng		98
52) 3-Nitroaniline	14.92	138	73958	8.267 ng	#	76
53) 2,4-Dinitrophenol	15.13	184	29400	11.863 ng		93
54) Dibenzofuran	15.41	168	492853	9.832 ng		93
55) 4-Nitrophenol	15.21	139	56740	7.820 ng	#	52
56) 2,4-Dinitrotoluene	15.37	165	98557	8.472 ng	#	81
57) Fluorene	16.05	166	383548	9.682 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	91521	9.151 ng	#	100
59) Diethylphthalate	15.80	149	391741	9.759 ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	201637	9.993 ng		95
61) 4-Nitroaniline	16.07	138	71982	7.696 ng	#	67
62) Azobenzene	16.32	77	372111	9.758 ng		89
64) 4,6-Dinitro-2-methylphenol	16.13	198	42352	7.496 ng		94
65) n-Nitrosodiphenylamine	16.25	169	326729	9.934 ng		99
66) 4-Bromophenyl-phenylether	16.92	248	114071	9.974 ng	#	86
67) Hexachlorobenzene	17.04	284	131458	9.981 ng	#	89
68) Atrazine	17.17	200	84336	8.083 ng		96
69) Pentachlorophenol	17.38	266	57900	7.898 ng		96
70) Phenanthrene	17.77	178	574261	9.849 ng		99
71) Anthracene	17.86	178	558362	9.607 ng		99
72) Carbazole	18.13	167	482333	9.374 ng		99
73) Di-n-butylphthalate	18.65	149	556087	9.180 ng		99
74) Fluoranthene	19.74	202	582921	9.116 ng		97
76) Benzidine	19.92	184	144034	5.119 ng		98
77) Pyrene	20.10	202	589425	10.391 ng		100
79) Butylbenzylphthalate	20.95	149	214487	9.261 ng		94
80) Benzo(a)anthracene	21.81	228	550404	9.718 ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	185558	8.848 ng		99
82) Chrysene	21.87	228	524395	9.831 ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	308169	9.148 ng		97
84) Di-n-octyl phthalate	22.63	149	482417	8.187 ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.79	276	560482	8.685 ng	#	91
87) Benzo(b)fluoranthene	23.52	252	510329m	9.569 ng		
88) Benzo(k)fluoranthene	23.57	252	505729	10.025 ng		99
89) Benzo(a)pyrene	24.16	252	474918	9.547 ng		98
90) Dibenzo(a,h)anthracene	26.79	278	480799	9.473 ng		97
91) Benzo(g,h,i)perylene	27.56	276	459337	9.292 ng		97

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

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