Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015282.D
Acq On : 23 May 2018 18:56
Operator : SJ/JU
Sample : J2923-07
Misc : LOQ 10 PPM(625)
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-3

Manual Integrations APPROVED
Sohil
5/24/2018 5:38:12 PM

Quant Time: May 24 03:34:54 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	226811	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	923082	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	495858	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	990392	20.00	ng		0.00
75) Chrysene-d12	21.83	240	868871	20.00	ng		0.00
86) Perylene-d12	24.27	264	826402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1170863	84.46	ng		0.00
7) Phenol-d6	7.54	99	1559456	86.38	ng		0.00
23) Nitrobenzene-d5	9.59	82	1434798	85.15	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	597613	96.11	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3190318	79.98	ng		0.00
78) Terphenyl-d14	20.29	244	4319088	109.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	52748	9.210	ng	#	100
3) Pyridine	4.08	79	128784m	8.778	ng		
4) n-Nitrosodimethylamine	3.98	42	71071	8.953	ng	#	64
6) Aniline	7.72	93	212192	9.540	ng		95
8) 2-Chlorophenol	7.96	128	148062	9.463	ng		97
9) Benzaldehyde	7.53	77	71122	6.229	ng		94
10) Phenol	7.57	94	174130	9.499	ng		82
11) bis(2-Chloroethyl)ether	7.81	93	141556	9.735	ng		89
12) 1,3-Dichlorobenzene	8.29	146	166646	9.342	ng	#	95
13) 1,4-Dichlorobenzene	8.44	146	171002	9.481	ng		96
14) 1,2-Dichlorobenzene	8.76	146	162901	9.516	ng		96
15) Benzyl Alcohol	8.65	79	122164	9.358	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.93	45	230266	10.037	ng		95
17) 2-Methylphenol	8.85	107	115791	9.501	ng	#	93
18) Hexachloroethane	9.50	117	59417	9.277	ng		90
19) n-Nitroso-di-n-propylamine	9.22	70	112609	9.787	ng	#	89
20) 3+4-Methylphenols	9.17	107	153240	9.470	ng		95
22) Acetophenone	9.24	105	218656	9.874	ng	#	95
24) Nitrobenzene	9.63	77	176928	10.084	ng		99
25) Isophorone	10.15	82	283820	9.806	ng		95
26) 2-Nitrophenol	10.35	139	67545	8.580	ng	#	78
27) 2,4-Dimethylphenol	10.39	122	137271	9.615	ng		89
28) bis(2-Chloroethoxy)methane	10.63	93	191552	10.107	ng		97
29) 2,4-Dichlorophenol	10.88	162	127765	9.450	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	156095	9.800	ng		99
31) Naphthalene	11.29	128	470083	9.798	ng		100
32) Benzoic acid	10.48	122	66832	8.092	ng		95
33) 4-Chloroaniline	11.40	127	186070	9.718	ng	#	93
34) Hexachlorobutadiene	11.56	225	92852	9.803	ng		98
35) Caprolactam	12.16	113	31523	8.238	ng	#	84
36) 4-Chloro-3-methylphenol	12.49	107	134257	9.721	ng		90
37) 2-Methylnaphthalene	12.87	142	331817	9.980	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	166644	9.541	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	78964	11.733	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	96343	9.179 ng		98
43) 2,4,5-Trichlorophenol	13.53	196	104612	9.231 ng	#	91
45) 1,1'-Biphenyl	13.86	154	424574	9.786 ng		97
46) 2-Chloronaphthalene	13.91	162	324723	9.725 ng		93
47) 2-Nitroaniline	14.10	65	80329	8.444 ng	#	79
48) Acenaphthylene	14.75	152	474869	9.575 ng		99
49) Dimethylphthalate	14.46	163	389024	9.830 ng		98
50) 2,6-Dinitrotoluene	14.59	165	78712	9.534 ng		90
51) Acenaphthene	15.08	154	301494	9.759 ng		99
52) 3-Nitroaniline	14.92	138	72141	8.298 ng	#	78
53) 2,4-Dinitrophenol	15.13	184	27386	11.643 ng		90
54) Dibenzofuran	15.41	168	477609	9.805 ng		93
55) 4-Nitrophenol	15.21	139	54339	7.707 ng	#	52
56) 2,4-Dinitrotoluene	15.37	165	94552	8.363 ng	#	80
57) Fluorene	16.05	166	370741	9.631 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	89383	9.197 ng	#	100
59) Diethylphthalate	15.80	149	376517	9.652 ng		99
60) 4-Chlorophenyl-phenylether	16.03	204	193408	9.864 ng		95
61) 4-Nitroaniline	16.07	138	69995	7.701 ng	#	70
62) Azobenzene	16.32	77	357640	9.651 ng		89
64) 4,6-Dinitro-2-methylphenol	16.13	198	39951	7.308 ng		94
65) n-Nitrosodiphenylamine	16.24	169	313562	9.853 ng		99
66) 4-Bromophenyl-phenylether	16.92	248	109567	9.902 ng	#	90
67) Hexachlorobenzene	17.04	284	125234	9.828 ng	#	86
68) Atrazine	17.17	200	81968	8.120 ng		97
69) Pentachlorophenol	17.38	266	54941	7.746 ng		97
70) Phenanthrene	17.77	178	551008	9.768 ng		100
71) Anthracene	17.86	178	536273	9.537 ng		100
72) Carbazole	18.13	167	461124	9.263 ng		99
73) Di-n-butylphthalate	18.65	149	533032	9.094 ng		99
74) Fluoranthene	19.74	202	557095	9.005 ng		96
76) Benzidine	19.92	184	134436	4.942 ng		99
77) Pyrene	20.10	202	568498	10.367 ng		99
79) Butylbenzylphthalate	20.95	149	204360	9.127 ng		91
80) Benzo(a)anthracene	21.81	228	535567	9.782 ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	179049	8.832 ng		99
82) Chrysene	21.87	228	509218	9.875 ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	294971	9.057 ng		97
84) Di-n-octyl phthalate	22.63	149	470222	8.255 ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.79	276	553510	8.872 ng	#	90
87) Benzo(b)fluoranthene	23.52	252	502861	9.617 ng		97
88) Benzo(k)fluoranthene	23.57	252	492428	9.956 ng		99
89) Benzo(a)pyrene	24.16	252	467891	9.593 ng	#	97
90) Dibenzo(a,h)anthracene	26.79	278	471896	9.484 ng		99
91) Benzo(g,h,i)perylene	27.56	276	452877	9.345 ng		97

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

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