Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015271.D
Acq On : 23 May 2018 10:46
Operator : SJ/JU
Sample : J2923-08
Misc : LOQ 10 PPM
ALS Vial : 27 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/23/2018 3:27:19 PM

Quant Time: May 23 12:08:46 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	228218	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	976563	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	517885	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1028651	20.00	ng		0.00
75) Chrysene-d12	21.83	240	919886	20.00	ng		0.00
86) Perylene-d12	24.27	264	875872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1853574	132.88	ng		0.00
7) Phenol-d6	7.55	99	2460962	135.48	ng		0.00
23) Nitrobenzene-d5	9.59	82	1571787	88.17	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	932415	143.58	ng		0.00
44) 2-Fluorobiphenyl	13.64	172	3587416	86.11	ng		0.00
78) Terphenyl-d14	20.29	244	4212746	101.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	55424	9.617	ng	#	100
3) Pyridine	4.08	79	141385m	9.577	ng		
4) n-Nitrosodimethylamine	3.98	42	78741m	9.858	ng		
6) Aniline	7.72	93	226326	10.112	ng		97
8) 2-Chlorophenol	7.96	128	155564	9.882	ng		93
9) Benzaldehyde	7.53	77	76087	6.622	ng		92
10) Phenol	7.57	94	185597	10.062	ng		84
11) bis(2-Chloroethyl)ether	7.81	93	148581	10.155	ng		91
12) 1,3-Dichlorobenzene	8.29	146	176992	9.861	ng	#	95
13) 1,4-Dichlorobenzene	8.44	146	180295	9.935	ng		97
14) 1,2-Dichlorobenzene	8.76	146	171346	9.947	ng		96
15) Benzyl Alcohol	8.65	79	129441	9.855	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.92	45	247054	10.703	ng		94
17) 2-Methylphenol	8.85	107	123828	10.098	ng	#	94
18) Hexachloroethane	9.50	117	62684	9.726	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	120114	10.375	ng		89
20) 3+4-Methylphenols	9.17	107	164409	10.098	ng		94
22) Acetophenone	9.24	105	231005	9.861	ng	#	94
24) Nitrobenzene	9.63	77	188965	10.180	ng		94
25) Isophorone	10.15	82	300375	9.810	ng		97
26) 2-Nitrophenol	10.35	139	70648	8.483	ng	#	84
27) 2,4-Dimethylphenol	10.39	122	146612	9.706	ng		93
28) bis(2-Chloroethoxy)methane	10.63	93	202063	10.078	ng		98
29) 2,4-Dichlorophenol	10.88	162	137865	9.639	ng		96
30) 1,2,4-Trichlorobenzene	11.10	180	164193	9.744	ng		98
31) Naphthalene	11.29	128	504229	9.934	ng		99
32) Benzoic acid	10.48	122	69104	7.909	ng		98
33) 4-Chloroaniline	11.40	127	195288	9.641	ng	#	92
34) Hexachlorobutadiene	11.56	225	98172	9.797	ng		98
35) Caprolactam	12.16	113	32696	8.077	ng		87
36) 4-Chloro-3-methylphenol	12.49	107	141422	9.679	ng		90
37) 2-Methylnaphthalene	12.87	142	353852	10.060	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	177888	9.752	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	84416	11.885	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	101226	9.234	ng		98
43) 2,4,5-Trichlorophenol	13.53	196	112370	9.494	ng	#	86
45) 1,1'-Biphenyl	13.86	154	448787	9.904	ng		99
46) 2-Chloronaphthalene	13.91	162	344259	9.872	ng		95
47) 2-Nitroaniline	14.11	65	83542	8.409	ng		89
48) Acenaphthylene	14.74	152	499348	9.640	ng		100
49) Dimethylphthalate	14.46	163	408685	9.888	ng		99
50) 2,6-Dinitrotoluene	14.59	165	82446	9.561	ng		90
51) Acenaphthene	15.08	154	317723	9.846	ng		99
52) 3-Nitroaniline	14.92	138	76530	8.429	ng	#	80
53) 2,4-Dinitrophenol	15.13	184	28803	11.678	ng		92
54) Dibenzofuran	15.41	168	498146	9.791	ng		94
55) 4-Nitrophenol	15.21	139	56987	7.738	ng	#	54
56) 2,4-Dinitrotoluene	15.37	165	100395	8.503	ng	#	83
57) Fluorene	16.05	166	389035	9.676	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.63	232	96627	9.520	ng	#	100
59) Diethylphthalate	15.80	149	398017	9.769	ng		97
60) 4-Chlorophenyl-phenylether	16.03	204	202283	9.877	ng		97
61) 4-Nitroaniline	16.07	138	73890	7.784	ng	#	65
62) Azobenzene	16.32	77	376568	9.729	ng		89
64) 4,6-Dinitro-2-methylphenol	16.13	198	42881	7.553	ng		94
65) n-Nitrosodiphenylamine	16.24	169	330748	10.007	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	115295	10.032	ng	#	87
67) Hexachlorobenzene	17.04	284	132641	10.022	ng	#	91
68) Atrazine	17.17	200	88128	8.405	ng		99
69) Pentachlorophenol	17.38	266	59118	8.024	ng		98
70) Phenanthrene	17.77	178	578339	9.871	ng		99
71) Anthracene	17.87	178	566509	9.700	ng		99
72) Carbazole	18.13	167	493985	9.554	ng		100
73) Di-n-butylphthalate	18.65	149	567022	9.314	ng		99
74) Fluoranthene	19.75	202	598522	9.314	ng		98
76) Benzidine	19.92	184	148294	5.150	ng		98
77) Pyrene	20.10	202	606264	10.442	ng		99
79) Butylbenzylphthalate	20.95	149	222104	9.369	ng		90
80) Benzo(a)anthracene	21.82	228	573951	9.901	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	194620	9.067	ng		99
82) Chrysene	21.87	228	546014	10.001	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	317645	9.212	ng		98
84) Di-n-octyl phthalate	22.63	149	506410	8.397	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.78	276	587921	8.901	ng	#	91
87) Benzo(b)fluoranthene	23.52	252	530163	9.567	ng		98
88) Benzo(k)fluoranthene	23.57	252	535097	10.208	ng		99
89) Benzo(a)pyrene	24.16	252	492958	9.537	ng		99
90) Dibenzo(a,h)anthracene	26.79	278	500337	9.488	ng		99
91) Benzo(g,h,i)perylene	27.56	276	483391	9.411	ng		96

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

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