Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020669.D
Acq On : 03 Jun 2019 14:04
Operator : HP/JU
Sample : PB120221BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Manual Integrations APPROVED
mohammad
6/5/2019 8:46:01 AM

Quant Time: Jun 04 05:38:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	279573	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1070807	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	538290	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1022620	20.00	ng		0.00
76) Chrysene-d12	21.39	240	833675	20.00	ng		-0.01
87) Perylene-d12	23.67	264	973501	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2196266	138.19	ng		0.00
7) Phenol-d6	6.99	99	2880115	123.07	ng		0.00
23) Nitrobenzene-d5	8.99	82	1530674	74.06	ng		-0.01
42) 2,4,6-Tribromophenol	15.96	330	858596	128.74	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3179969	78.54	ng		0.00
79) Terphenyl-d14	19.83	244	3036565	60.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	260127	39.976	ng		97
3) Pyridine	3.74	79	719950	34.775	ng		99
4) n-Nitrosodimethylamine	3.66	42	321802	36.058	ng		99
6) Aniline	7.16	93	850877	25.128	ng		99
8) 2-Chlorophenol	7.39	128	755204	38.196	ng		99
9) Benzaldehyde	6.97	77	253549	14.916	ng		97
10) Phenol	7.02	94	924389	36.654	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	688025	34.232	ng		98
12) 1,3-Dichlorobenzene	7.72	146	811591	35.716	ng		99
13) 1,4-Dichlorobenzene	7.86	146	822683	35.613	ng		99
14) 1,2-Dichlorobenzene	8.18	146	789890	35.136	ng		99
15) Benzyl Alcohol	8.07	79	670124	32.368	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	967060	31.165	ng		99
17) 2-Methylphenol	8.26	107	607853	34.276	ng		99
18) Hexachloroethane	8.90	117	302764	34.232	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	564960	30.032	ng		97
20) 3+4-Methylphenols	8.59	107	803462	33.300	ng		98
22) Acetophenone	8.65	105	1059199	38.938	ng	#	97
24) Nitrobenzene	9.03	77	838211	39.728	ng		100
25) Isophorone	9.55	82	1447938	35.220	ng		100
26) 2-Nitrophenol	9.74	139	343309	43.660	ng		97
27) 2,4-Dimethylphenol	9.79	122	645845	43.832	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	889667	35.791	ng		100
29) 2,4-Dichlorophenol	10.26	162	642614	39.419	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	723627	38.604	ng		99
31) Naphthalene	10.67	128	2153717	39.113	ng		99
32) Benzoic acid	9.92	122	323567	36.291	ng		97
33) 4-Chloroaniline	10.78	127	347193	13.548	ng		98
34) Hexachlorobutadiene	10.95	225	412144	36.644	ng		100
35) Caprolactam	11.56	113	181489m	32.046	ng		
36) 4-Chloro-3-methylphenol	11.90	107	665912	35.134	ng		99
37) 2-Methylnaphthalene	12.28	142	1519403	37.226	ng		99
38) 1-Methylnaphthalene	12.50	142	1440718	37.071	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	752523	42.659	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	933344	88.467 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	459668	40.483 ng	99
44) 2,4,5-Trichlorophenol	12.96	196	488137	41.641 ng	98
46) 1,1'-Biphenyl	13.30	154	1857065	41.308 ng	99
47) 2-Chloronaphthalene	13.34	162	1439989	39.687 ng	99
48) 2-Nitroaniline	13.54	65	409205	35.933 ng	94
49) Acenaphthylene	14.19	152	2255255	39.836 ng	99
50) Dimethylphthalate	13.93	163	1649185	35.861 ng	100
51) 2,6-Dinitrotoluene	14.04	165	351430	37.634 ng	95
52) Acenaphthene	14.53	154	1307176	38.745 ng	99
53) 3-Nitroaniline	14.37	138	206281	19.791 ng	98
54) 2,4-Dinitrophenol	14.58	184	278148	70.215 ng	93
55) Dibenzofuran	14.86	168	2009909	38.357 ng	99
56) 4-Nitrophenol	14.67	139	572491	74.537 ng	93
57) 2,4-Dinitrotoluene	14.83	165	460732	36.849 ng	99
58) Fluorene	15.52	166	1589265	36.881 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	398641	39.026 ng	100
60) Diethylphthalate	15.29	149	1603879	33.815 ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	808531	35.437 ng	98
62) 4-Nitroaniline	15.54	138	337987	30.576 ng	96
63) Azobenzene	15.80	77	1600415	35.195 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	166232	37.976 ng	95
66) n-Nitrosodiphenylamine	15.73	169	1345069	41.088 ng	99
67) 4-Bromophenyl-phenylether	16.40	248	460610	38.256 ng	98
68) Hexachlorobenzene	16.51	284	531973	37.837 ng	97
69) Atrazine	16.67	200	410730	42.038 ng	99
70) Pentachlorophenol	16.85	266	576324	85.925 ng	99
71) Phenanthrene	17.25	178	2238272	38.614 ng	100
72) Anthracene	17.34	178	2270377	39.133 ng	100
73) Carbazole	17.62	167	1970511	37.428 ng	100
74) Di-n-butylphthalate	18.18	149	2376257	34.769 ng	100
75) Fluoranthene	19.26	202	2306951	35.788 ng	99
77) Benzidine	19.46	184	1022561	40.480 ng	100
78) Pyrene	19.63	202	2352369	36.770 ng	100
80) Butylbenzylphthalate	20.53	149	921928	34.100 ng	95
81) Benzo(a)anthracene	21.37	228	2133031	36.741 ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	643119	30.251 ng	99
83) Chrysene	21.42	228	2111715	38.265 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1302606	33.151 ng	98
85) Di-n-octyl phthalate	22.20	149	2141022	34.320 ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3026615	53.608 ng	100
88) Benzo(b)fluoranthene	22.99	252	2386129	37.084 ng	100
89) Benzo(k)fluoranthene	23.03	252	2251448	35.806 ng	99
90) Benzo(a)pyrene	23.57	252	2326188	39.858 ng	100
91) Dibenzo(a,h)anthracene	26.01	278	2544502	44.939 ng	100
92) Benzo(g,h,i)perylene	26.71	276	2513162	47.786 ng	100

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

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