Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020727.D
Acq On : 05 Jun 2019 09:25
Operator : HP/JU
Sample : PB120300BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:25 AM

Quant Time: Jun 05 18:38:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 18:16:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	328241	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1344477	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	742417	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1443676	20.00	ng		0.00
76) Chrysene-d12	21.38	240	1107096	20.00	ng		0.00
87) Perylene-d12	23.67	264	1201277	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2665637	142.85	ng		0.00
7) Phenol-d6	6.99	99	3550490	129.22	ng		0.00
23) Nitrobenzene-d5	8.99	82	2133274	82.21	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	1290188	140.26	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	4922084	88.14	ng		0.00
79) Terphenyl-d14	19.83	244	5566137	84.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	307102	40.198	ng		100
3) Pyridine	3.74	79	884635	36.394	ng		99
4) n-Nitrosodimethylamine	3.66	42	393582	37.562	ng		97
6) Aniline	7.16	93	1204710	30.303	ng		100
8) 2-Chlorophenol	7.39	128	1052118	45.323	ng		99
9) Benzaldehyde	6.97	77	325820m	16.757	ng		
10) Phenol	7.02	94	1301309	43.949	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	935707	39.653	ng		99
12) 1,3-Dichlorobenzene	7.71	146	1072180	40.188	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1088856	40.146	ng		98
14) 1,2-Dichlorobenzene	8.17	146	1041715	39.467	ng		99
15) Benzyl Alcohol	8.06	79	944080	38.840	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1283876	35.240	ng		99
17) 2-Methylphenol	8.26	107	870351	41.801	ng		99
18) Hexachloroethane	8.89	117	396607	38.193	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	792384	35.876	ng		98
20) 3+4-Methylphenols	8.59	107	1156701	40.832	ng		98
22) Acetophenone	8.65	105	1462598	42.823	ng	#	100
24) Nitrobenzene	9.03	77	1140211	43.042	ng		99
25) Isophorone	9.55	82	2084143	40.377	ng		100
26) 2-Nitrophenol	9.73	139	501538	50.799	ng		98
27) 2,4-Dimethylphenol	9.79	122	949608	51.329	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1280831	41.039	ng		99
29) 2,4-Dichlorophenol	10.26	162	977992	47.781	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	1039321	44.160	ng		99
31) Naphthalene	10.66	128	3014290	43.598	ng		100
32) Benzoic acid	9.93	122	497041	43.253	ng		98
33) 4-Chloroaniline	10.77	127	481334	14.959	ng		100
34) Hexachlorobutadiene	10.94	225	603193	42.714	ng		98
35) Caprolactam	11.57	113	274509m	38.605	ng		
36) 4-Chloro-3-methylphenol	11.90	107	1009369	42.415	ng		100
37) 2-Methylnaphthalene	12.27	142	2227591	43.468	ng		99
38) 1-Methylnaphthalene	12.50	142	2113734	43.318	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1163947	47.841	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1484735	102.037	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	747085	47.705	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	799982	49.480	ng	99
46) 1,1'-Biphenyl	13.29	154	2820436	45.488	ng	100
47) 2-Chloronaphthalene	13.33	162	2181947	43.601	ng	99
48) 2-Nitroaniline	13.54	65	612801	39.015	ng	99
49) Acenaphthylene	14.18	152	3437453	44.023	ng	100
50) Dimethylphthalate	13.92	163	2640620	41.631	ng	99
51) 2,6-Dinitrotoluene	14.04	165	567170	44.038	ng	97
52) Acenaphthene	14.53	154	1995797	42.891	ng	100
53) 3-Nitroaniline	14.37	138	333268	23.183	ng	96
54) 2,4-Dinitrophenol	14.57	184	437564	79.066	ng	98
55) Dibenzofuran	14.86	168	3131557	43.331	ng	98
56) 4-Nitrophenol	14.67	139	856152	80.820	ng	100
57) 2,4-Dinitrotoluene	14.83	165	737728	42.780	ng	98
58) Fluorene	15.51	166	2492459	41.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	668336	47.439	ng	99
60) Diethylphthalate	15.29	149	2591568	39.616	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1329934	42.263	ng	99
62) 4-Nitroaniline	15.54	138	517227	33.926	ng	99
63) Azobenzene	15.80	77	2402759	38.312	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	281302	43.774	ng	97
66) n-Nitrosodiphenylamine	15.72	169	2135909	46.216	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	779715	45.872	ng	100
68) Hexachlorobenzene	16.50	284	884456	44.560	ng	99
69) Atrazine	16.67	200	685523	49.700	ng	99
70) Pentachlorophenol	16.85	266	983915	103.909	ng	99
71) Phenanthrene	17.24	178	3525786	43.085	ng	100
72) Anthracene	17.34	178	3594810	43.891	ng	99
73) Carbazole	17.61	167	3044599	40.963	ng	100
74) Di-n-butylphthalate	18.17	149	3895096	40.371	ng	100
75) Fluoranthene	19.26	202	3621047	39.790	ng	100
77) Benzidine	19.45	184	1478220	44.065	ng	100
78) Pyrene	19.62	202	3635643	42.794	ng	100
80) Butylbenzylphthalate	20.52	149	1441846	40.160	ng	100
81) Benzo(a)anthracene	21.36	228	3159117	40.976	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	867167	30.716	ng	98
83) Chrysene	21.42	228	3125539	42.649	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1997201	38.275	ng	99
85) Di-n-octyl phthalate	22.19	149	3196351	38.583	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4112909	54.858	ng	99
88) Benzo(b)fluoranthene	22.98	252	3402668	42.856	ng	99
89) Benzo(k)fluoranthene	23.03	252	3144790	40.530	ng	100
90) Benzo(a)pyrene	23.57	252	3225076	44.782	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3456750	49.475	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3345179	51.545	ng	100

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

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