Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020751.D
Acq On : 06 Jun 2019 00:03
Operator : HP/JU
Sample : K3174-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMS

Manual Integrations APPROVED
mohammad
6/6/2019 11:22:13 AM

Quant Time: Jun 06 03:59:08 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	7.82	152	338057	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1352338	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	707675	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1386468	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1223380	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1491120	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2894702	150.62	ng	0.00
7) Phenol-d6	6.99	99	3906328	138.04	ng	0.00
23) Nitrobenzene-d5	8.99	82	2364320	90.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1289816	147.10	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4329592	81.34	ng	-0.01
79) Terphenyl-d14	19.83	244	5212933	71.27	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	306498	38.954	ng	95
3) Pyridine	3.74	79	689098	27.527	ng	97
4) n-Nitrosodimethylamine	3.66	42	431063	39.944	ng	94
6) Aniline	7.16	93	614206	15.001	ng	99
8) 2-Chlorophenol	7.39	128	1089852	45.585	ng	98
9) Benzaldehyde	6.97	77	360523	18.368	ng	97
10) Phenol	7.02	94	1363651	44.717	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	997209	41.032	ng	96
12) 1,3-Dichlorobenzene	7.71	146	1128578	41.073	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1159197	41.499	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1118189	41.134	ng	99
15) Benzyl Alcohol	8.06	79	969292	38.719	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1323661	35.277	ng	99
17) 2-Methylphenol	8.26	107	891512	41.574	ng	98
18) Hexachloroethane	8.89	117	416804	38.973	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	815331	35.844	ng	96
20) 3+4-Methylphenols	8.59	107	1174948	40.272	ng	97
22) Acetophenone	8.65	105	1534578	44.669	ng	97
24) Nitrobenzene	9.03	77	1192101	44.739	ng	97
25) Isophorone	9.55	82	2113401	40.705	ng	99
26) 2-Nitrophenol	9.73	139	530895	53.460	ng	97
27) 2,4-Dimethylphenol	9.79	122	936467	50.325	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1296109	41.287	ng	99
29) 2,4-Dichlorophenol	10.26	162	981884	47.692	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	1092899	46.166	ng	99
31) Naphthalene	10.66	128	3128953	44.994	ng	99
32) Benzoic acid	9.92	122	405535m	36.054	ng	
33) 4-Chloroaniline	10.77	127	150401	4.647	ng	97
34) Hexachlorobutadiene	10.94	225	628904	44.276	ng	99
35) Caprolactam	11.57	113	270093m	37.763	ng	
36) 4-Chloro-3-methylphenol	11.90	107	999697	41.764	ng	99
37) 2-Methylnaphthalene	12.27	142	2240006	43.456	ng	99
38) 1-Methylnaphthalene	12.50	142	2109269	42.975	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1164109	50.196	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1336210	96.338 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	749124	50.183 ng	99
44) 2,4,5-Trichlorophenol	12.95	196	786901	51.060 ng	97
46) 1,1'-Biphenyl	13.29	154	2763124	46.751 ng	99
47) 2-Chloronaphthalene	13.33	162	2164880	45.384 ng	98
48) 2-Nitroaniline	13.54	65	603463	40.307 ng	94
49) Acenaphthylene	14.18	152	3352078	45.038 ng	100
50) Dimethylphthalate	13.92	163	3287712	54.378 ng	99
51) 2,6-Dinitrotoluene	14.04	165	552411	44.998 ng	92
52) Acenaphthene	14.52	154	1952636	44.023 ng	99
53) 3-Nitroaniline	14.37	138	193210	14.100 ng	93
54) 2,4-Dinitrophenol	14.57	184	446859	84.192 ng	93
55) Dibenzofuran	14.86	168	3024805	43.909 ng	99
56) 4-Nitrophenol	14.67	139	887510	87.894 ng	92
57) 2,4-Dinitrotoluene	14.83	165	728822	44.339 ng	92
58) Fluorene	15.51	166	2395957	42.293 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	660359	49.174 ng	96
60) Diethylphthalate	15.29	149	2450262	39.295 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1259732	41.998 ng	95
62) 4-Nitroaniline	15.53	138	525988	36.194 ng	94
63) Azobenzene	15.80	77	2263005	37.855 ng	95
65) 4,6-Dinitro-2-methylphenol	15.59	198	287366	46.002 ng	94
66) n-Nitrosodiphenylamine	15.72	169	2063540	46.493 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	737294	45.166 ng	94
68) Hexachlorobenzene	16.50	284	853231	44.761 ng	95
69) Atrazine	16.67	200	647769	48.901 ng	99
70) Pentachlorophenol	16.85	266	987310	108.570 ng	99
71) Phenanthrene	17.24	178	3417669	43.488 ng	99
72) Anthracene	17.34	178	3489046	44.357 ng	99
73) Carbazole	17.61	167	3091352	43.309 ng	99
74) Di-n-butylphthalate	18.17	149	3565350	38.478 ng	100
75) Fluoranthene	19.26	202	3651642	41.782 ng	100
77) Benzidine	19.44	184	783758	21.143 ng	99
78) Pyrene	19.62	202	3746119	39.903 ng	100
80) Butylbenzylphthalate	20.52	149	1455927	36.697 ng	93
81) Benzo(a)anthracene	21.36	228	3580040	42.022 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	696746	22.333 ng	98
83) Chrysene	21.42	228	3533697	43.635 ng	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	2024448	35.109 ng	100
85) Di-n-octyl phthalate	22.19	149	3426470	37.429 ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	5138913	62.027 ng	98
88) Benzo(b)fluoranthene	22.98	252	4006485	40.652 ng	99
89) Benzo(k)fluoranthene	23.02	252	3970053	41.221 ng	99
90) Benzo(a)pyrene	23.57	252	4018764	44.956 ng	99
91) Dibenzo(a,h)anthracene	26.00	278	4325364	49.873 ng	99
92) Benzo(g,h,i)perylene	26.70	276	4216059	52.337 ng	99

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

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