Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020730.D
Acq On : 05 Jun 2019 11:17
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:30 AM

Quant Time: Jun 05 18:38:53 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	344538	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1406836	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	788820	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1536784	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1147568	20.00	ng	0.00
87) Perylene-d12	23.67	264	1239473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2809512	143.44	ng	0.00
7) Phenol-d6	6.99	99	3744441	129.83	ng	0.00
23) Nitrobenzene-d5	8.99	82	2225491	81.96	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1391991	142.43	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	5218041	87.94	ng	0.00
79) Terphenyl-d14	19.83	244	5876092	85.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	310080	38.668	ng	100
3) Pyridine	3.74	79	902865	35.387	ng	100
4) n-Nitrosodimethylamine	3.66	42	403488	36.686	ng	97
6) Aniline	7.16	93	1300211	31.158	ng	100
8) 2-Chlorophenol	7.39	128	1111156	45.602	ng	98
9) Benzaldehyde	6.97	77	341573m	16.731	ng	
10) Phenol	7.02	94	1361953	43.821	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	980609	39.590	ng	100
12) 1,3-Dichlorobenzene	7.71	146	1110419	39.652	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1131699	39.752	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1097512	39.614	ng	99
15) Benzyl Alcohol	8.07	79	993658	38.946	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1349831	35.298	ng	98
17) 2-Methylphenol	8.26	107	919114	42.055	ng	99
18) Hexachloroethane	8.90	117	413014	37.892	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	825824	35.622	ng	99
20) 3+4-Methylphenols	8.59	107	1223644	41.152	ng	100
22) Acetophenone	8.65	105	1532829	42.890	ng	99
24) Nitrobenzene	9.03	77	1197226	43.191	ng	98
25) Isophorone	9.55	82	2197265	40.681	ng	99
26) 2-Nitrophenol	9.73	139	538132	52.090	ng	97
27) 2,4-Dimethylphenol	9.79	122	1000505	51.683	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1351778	41.393	ng	99
29) 2,4-Dichlorophenol	10.26	162	1037809	48.456	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1095201	44.471	ng	98
31) Naphthalene	10.67	128	3175489	43.894	ng	99
32) Benzoic acid	9.93	122	539924	44.706	ng	100
33) 4-Chloroaniline	10.78	127	506876	15.055	ng	99
34) Hexachlorobutadiene	10.94	225	641910	43.441	ng	99
35) Caprolactam	11.57	113	290830m	39.087	ng	
36) 4-Chloro-3-methylphenol	11.90	107	1075014	43.171	ng	99
37) 2-Methylnaphthalene	12.27	142	2338576	43.611	ng	99
38) 1-Methylnaphthalene	12.50	142	2232582	43.725	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1237783	47.883	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020730.D
Acq On : 05 Jun 2019 11:17
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:30 AM

Quant Time: Jun 05 18:38:53 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)
41) Hexachlorocyclopentadiene	12.62	237	1548127	100.135	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	800352	48.100	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	855957	49.828	ng	98
46) 1,1'-Biphenyl	13.29	154	2978819	45.216	ng	100
47) 2-Chloronaphthalene	13.33	162	2299712	43.251	ng	100
48) 2-Nitroaniline	13.54	65	650351	38.970	ng	98
49) Acenaphthylene	14.19	152	3633862	43.801	ng	99
50) Dimethylphthalate	13.92	163	2811432	41.717	ng	100
51) 2,6-Dinitrotoluene	14.04	165	607309	44.380	ng	97
52) Acenaphthene	14.53	154	2112546	42.729	ng	98
53) 3-Nitroaniline	14.37	138	372665	24.399	ng	96
54) 2,4-Dinitrophenol	14.58	184	491711	83.205	ng	97
55) Dibenzofuran	14.86	168	3317747	43.207	ng	99
56) 4-Nitrophenol	14.67	139	917643	81.529	ng	99
57) 2,4-Dinitrotoluene	14.83	165	796199	43.455	ng	99
58) Fluorene	15.51	166	2657080	42.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	723422	48.328	ng	98
60) Diethylphthalate	15.29	149	2786117	40.085	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1416474	42.365	ng	100
62) 4-Nitroaniline	15.54	138	552712	34.121	ng	98
63) Azobenzene	15.80	77	2558446	38.394	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	311093	45.134	ng	97
66) n-Nitrosodiphenylamine	15.72	169	2286876	46.485	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	831388	45.948	ng	98
68) Hexachlorobenzene	16.50	284	943277	44.645	ng	99
69) Atrazine	16.67	200	734591	50.031	ng	99
70) Pentachlorophenol	16.85	266	1055656	104.731	ng	99
71) Phenanthrene	17.25	178	3760655	43.171	ng	100
72) Anthracene	17.34	178	3832673	43.960	ng	99
73) Carbazole	17.61	167	3228337	40.804	ng	99
74) Di-n-butylphthalate	18.17	149	4138577	40.296	ng	99
75) Fluoranthene	19.26	202	3844335	39.684	ng	99
77) Benzidine	19.45	184	1671724	48.076	ng	99
78) Pyrene	19.62	202	3831110	43.504	ng	99
80) Butylbenzylphthalate	20.52	149	1520143	40.847	ng	100
81) Benzo(a)anthracene	21.37	228	3309615	41.414	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	931718	31.838	ng	100
83) Chrysene	21.41	228	3261812	42.939	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	2119493	39.186	ng	100
85) Di-n-octyl phthalate	22.19	149	3347222	38.979	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4209084	54.160	ng	99
88) Benzo(b)fluoranthene	22.98	252	3485938	42.552	ng	100
89) Benzo(k)fluoranthene	23.03	252	3312182	41.372	ng	100
90) Benzo(a)pyrene	23.57	252	3347970	45.056	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3557078	49.342	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3440919	51.387	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020730.D
Acq On : 05 Jun 2019 11:17
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 18:38:53 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

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:30 AM