Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020736.D
Acq On : 05 Jun 2019 14:55
Operator : HP/JU
Sample : PB120038BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:41 AM

Quant Time: Jun 05 18:45:12 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	331284	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	1307765	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	694979	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1333744	20.00	ng		0.00
76) Chrysene-d12	21.38	240	1053080	20.00	ng		0.00
87) Perylene-d12	23.67	264	1210729	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2630263	139.66	ng		0.00
7) Phenol-d6	6.99	99	3461324	124.82	ng		0.00
23) Nitrobenzene-d5	8.99	82	2063904	81.77	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	1187213	137.88	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	4664361	89.23	ng		0.00
79) Terphenyl-d14	19.83	244	5081039	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	308545	40.016	ng		98
3) Pyridine	3.74	79	880592	35.895	ng		99
4) n-Nitrosodimethylamine	3.66	42	387128	36.607	ng		98
6) Aniline	7.16	93	1176825	29.329	ng		98
8) 2-Chlorophenol	7.39	128	1029329	43.934	ng		99
9) Benzaldehyde	6.97	77	318537m	16.086	ng		
10) Phenol	7.02	94	1265595	42.350	ng		100
11) bis(2-Chloroethyl)ether	7.25	93	913029	38.336	ng		100
12) 1,3-Dichlorobenzene	7.71	146	1066188	39.596	ng		100
13) 1,4-Dichlorobenzene	7.86	146	1077942	39.379	ng		99
14) 1,2-Dichlorobenzene	8.17	146	1038119	38.970	ng		100
15) Benzyl Alcohol	8.06	79	905924	36.928	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1235545	33.602	ng		100
17) 2-Methylphenol	8.26	107	840871	40.014	ng		99
18) Hexachloroethane	8.89	117	388672	37.086	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	756343	33.930	ng		99
20) 3+4-Methylphenols	8.59	107	1115604	39.019	ng		98
22) Acetophenone	8.65	105	1420142	42.747	ng	#	99
24) Nitrobenzene	9.03	77	1112345	43.169	ng		100
25) Isophorone	9.55	82	1974181	39.320	ng		99
26) 2-Nitrophenol	9.73	139	490045	51.029	ng		97
27) 2,4-Dimethylphenol	9.79	122	900240	50.027	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	1220389	40.200	ng		98
29) 2,4-Dichlorophenol	10.26	162	934182	46.921	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	1019312	44.525	ng		98
31) Naphthalene	10.66	128	2940657	43.727	ng		99
32) Benzoic acid	9.93	122	482977	43.214	ng		98
33) 4-Chloroaniline	10.77	127	472447	15.095	ng		99
34) Hexachlorobutadiene	10.94	225	594642	43.291	ng		99
35) Caprolactam	11.57	113	255364m	36.921	ng		
36) 4-Chloro-3-methylphenol	11.89	107	948271	40.966	ng		100
37) 2-Methylnaphthalene	12.27	142	2135052	42.832	ng		99
38) 1-Methylnaphthalene	12.49	142	2037024	42.918	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1109514	48.716	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020736.D
Acq On : 05 Jun 2019 14:55
Operator : HP/JU
Sample : PB120038BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:41 AM

Quant Time: Jun 05 18:45:12 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	1394653	102.389	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	698978	47.680	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	739101	48.835	ng	98
46) 1,1'-Biphenyl	13.29	154	2645354	45.576	ng	99
47) 2-Chloronaphthalene	13.33	162	2064291	44.066	ng	99
48) 2-Nitroaniline	13.54	65	572326	38.926	ng	99
49) Acenaphthylene	14.18	152	3229204	44.179	ng	100
50) Dimethylphthalate	13.92	163	2434079	40.995	ng	100
51) 2,6-Dinitrotoluene	14.04	165	523429	43.416	ng	98
52) Acenaphthene	14.52	154	1875215	43.050	ng	100
53) 3-Nitroaniline	14.37	138	313754	23.316	ng	98
54) 2,4-Dinitrophenol	14.57	184	429502	82.554	ng	99
55) Dibenzofuran	14.86	168	2921229	43.180	ng	99
56) 4-Nitrophenol	14.67	139	800773	80.752	ng	97
57) 2,4-Dinitrotoluene	14.83	165	680826	42.175	ng	97
58) Fluorene	15.50	166	2316537	41.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	619491	46.973	ng	99
60) Diethylphthalate	15.29	149	2359415	38.529	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1223794	41.545	ng	99
62) 4-Nitroaniline	15.53	138	479673	33.610	ng	99
63) Azobenzene	15.79	77	2207870	37.607	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	263598	44.274	ng	99
66) n-Nitrosodiphenylamine	15.72	169	1971836	46.183	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	706106	44.965	ng	99
68) Hexachlorobenzene	16.50	284	816870	44.547	ng	98
69) Atrazine	16.67	200	615634	48.312	ng	99
70) Pentachlorophenol	16.85	266	898599	102.721	ng	100
71) Phenanthrene	17.25	178	3283945	43.438	ng	100
72) Anthracene	17.33	178	3310850	43.755	ng	99
73) Carbazole	17.61	167	2810767	40.934	ng	100
74) Di-n-butylphthalate	18.17	149	3433003	38.514	ng	100
75) Fluoranthene	19.26	202	3377626	40.174	ng	100
77) Benzidine	19.45	184	1374900	43.088	ng	100
78) Pyrene	19.62	202	3398489	42.054	ng	99
80) Butylbenzylphthalate	20.52	149	1286668	37.676	ng	99
81) Benzo(a)anthracene	21.37	228	3056002	41.672	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	907285	33.785	ng	100
83) Chrysene	21.42	228	3015929	43.264	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1784966	35.962	ng	100
85) Di-n-octyl phthalate	22.19	149	2888500	36.655	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4246316	59.542	ng	99
88) Benzo(b)fluoranthene	22.98	252	3384348	42.292	ng	99
89) Benzo(k)fluoranthene	23.03	252	3181547	40.684	ng	99
90) Benzo(a)pyrene	23.57	252	3284124	45.246	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3587114	50.940	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3527076	53.924	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020736.D
Acq On : 05 Jun 2019 14:55
Operator : HP/JU
Sample : PB120038BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 05 18:45:12 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 :
PB120038BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:41 AM