Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001724.D
Acq On : 07 Feb 2020 17:14
Operator : CG/JU
Sample : PB126653BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:09 AM

Quant Time: Feb 08 01:30:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 15:16:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	414757	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1708771	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	1015617	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	2080201	20.00	ng		0.00
76) Chrysene-d12	21.19	240	1750375	20.00	ng		0.00
87) Perylene-d12	23.44	264	1659547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	2950718	126.59	ng		0.00
7) Phenol-d6	6.90	99	3794000	124.80	ng		0.00
23) Nitrobenzene-d5	8.87	82	1947612	69.67	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	1257755	120.92	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	4577067	65.47	ng		0.00
79) Terphenyl-d14	19.68	244	5916286	68.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	486590	50.797	ng		99
3) Pyridine	3.67	79	865322	31.635	ng		97
4) n-Nitrosodimethylamine	3.59	42	399862	38.339	ng		94
6) Aniline	7.05	93	1308847	35.011	ng		99
8) 2-Chlorophenol	7.29	128	1179450	46.146	ng		99
9) Benzaldehyde	6.86	77	456181	27.683	ng		99
10) Phenol	6.93	94	1428602	46.116	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	1047896	42.124	ng		100
12) 1,3-Dichlorobenzene	7.62	146	1213126	38.937	ng		99
13) 1,4-Dichlorobenzene	7.76	146	1242283	39.683	ng		97
14) 1,2-Dichlorobenzene	8.08	146	1181617	39.693	ng		98
15) Benzyl Alcohol	7.96	79	949084	46.092	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	1209271	38.922	ng		98
17) 2-Methylphenol	8.16	107	962486	46.673	ng		98
18) Hexachloroethane	8.80	117	427487	39.231	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	781105	42.260	ng		97
20) 3+4-Methylphenols	8.49	107	1300093	47.266	ng		99
22) Acetophenone	8.53	105	1587733	37.936	ng	#	99
24) Nitrobenzene	8.90	77	1180188	41.430	ng		99
25) Isophorone	9.43	82	2178743	41.697	ng		99
26) 2-Nitrophenol	9.62	139	526692	47.839	ng		99
27) 2,4-Dimethylphenol	9.69	122	1081197	52.126	ng		97
28) bis(2-Chloroethoxy)methane	9.92	93	1387704	39.059	ng		99
29) 2,4-Dichlorophenol	10.15	162	1090656	45.091	ng		98
30) 1,2,4-Trichlorobenzene	10.36	180	1131523	38.135	ng		99
31) Naphthalene	10.55	128	3460450	39.709	ng		99
32) Benzoic acid	9.83	122	601759	52.541	ng		99
33) 4-Chloroaniline	10.65	127	739013	19.864	ng		98
34) Hexachlorobutadiene	10.85	225	643516	36.494	ng		97
35) Caprolactam	11.42	113	351533m	47.875	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1094589	44.369	ng		98
37) 2-Methylnaphthalene	12.16	142	2514785	41.216	ng		99
38) 1-Methylnaphthalene	12.39	142	2360376	40.833	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1193845	36.948	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001724.D
Acq On : 07 Feb 2020 17:14
Operator : CG/JU
Sample : PB126653BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:09 AM

Quant Time: Feb 08 01:30:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 15:16:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1187817	85.136	ng	95
43) 2,4,6-Trichlorophenol	12.77	196	803905	43.986	ng	97
44) 2,4,5-Trichlorophenol	12.85	196	890033	46.149	ng	98
46) 1,1'-Biphenyl	13.19	154	3046071	38.489	ng	99
47) 2-Chloronaphthalene	13.22	162	2365334	37.927	ng	99
48) 2-Nitroaniline	13.42	65	626584	41.592	ng	97
49) Acenaphthylene	14.07	152	3815714	40.570	ng	97
50) Dimethylphthalate	13.82	163	2936399	39.166	ng	98
51) 2,6-Dinitrotoluene	13.92	165	644926	44.865	ng	98
52) Acenaphthene	14.42	154	2306450	38.283	ng	96
53) 3-Nitroaniline	14.25	138	428200	25.293	ng	100
54) 2,4-Dinitrophenol	14.46	184	491683	89.981	ng	91
55) Dibenzofuran	14.76	168	3508182	39.374	ng	100
56) 4-Nitrophenol	14.56	139	1241923	88.645	ng	94
57) 2,4-Dinitrotoluene	14.71	165	863569	43.280	ng	95
58) Fluorene	15.40	166	2794634	39.070	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.98	232	768242	45.787	ng	98
60) Diethylphthalate	15.20	149	2960451	39.483	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1424055	39.178	ng	99
62) 4-Nitroaniline	15.42	138	662079	37.094	ng	98
63) Azobenzene	15.70	77	2695706	39.251	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	344599	49.912	ng	93
66) n-Nitrosodiphenylamine	15.62	169	2482740	40.076	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	866786	38.490	ng	95
68) Hexachlorobenzene	16.42	284	950337	36.980	ng	96
69) Atrazine	16.58	200	877068	47.158	ng	99
70) Pentachlorophenol	16.76	266	1173600	86.980	ng	99
71) Phenanthrene	17.15	178	4339087	38.726	ng	99
72) Anthracene	17.23	178	4347453	40.095	ng	98
73) Carbazole	17.50	167	4017231	38.887	ng	100
74) Di-n-butylphthalate	18.09	149	4799594	39.778	ng	100
75) Fluoranthene	19.12	202	4933386	39.194	ng	98
77) Benzidine	19.30	184	1565941	38.084	ng	99
78) Pyrene	19.47	202	5063746	42.045	ng	99
80) Butylbenzylphthalate	20.37	149	2128732	42.289	ng	94
81) Benzo(a)anthracene	21.18	228	4685081	40.221	ng	97
82) 3,3'-Dichlorobenzidine	21.12	252	1540248	39.206	ng	95
83) Chrysene	21.23	228	4324595	39.386	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	3185082	42.914	ng	98
85) Di-n-octyl phthalate	22.02	149	5320831	43.286	ng	98
86) Indeno(1,2,3-cd)pyrene	25.72	276	5251001	37.692	ng	100
88) Benzo(b)fluoranthene	22.77	252	4851379	48.253	ng	96
89) Benzo(k)fluoranthene	22.82	252	4473960	47.216	ng	98
90) Benzo(a)pyrene	23.34	252	4200469	45.790	ng	97
91) Dibenzo(a,h)anthracene	25.74	278	4425777	47.215	ng	97
92) Benzo(g,h,i)perylene	26.42	276	4331813	46.828	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001724.D
Acq On : 07 Feb 2020 17:14
Operator : CG/JU
Sample : PB126653BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 08 01:30:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 15:16:18 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB126653BS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:09 AM