Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002752.D
Acq On : 15 Jul 2020 13:47
Operator : CG/JU
Sample : PB130217BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Manual Integrations APPROVED
mohammad
7/16/2020 11:07:10 AM

Quant Time: Jul 15 15:18:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	203810	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	787030	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	425547	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	754068	20.00	ng	0.00
76) Chrysene-d12	21.07	240	523626	20.00	ng	0.00
86) Perylene-d12	23.25	264	484922	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1288701	106.68	ng	0.00
7) Phenol-d6	6.76	99	1637526	94.98	ng	0.00
23) Nitrobenzene-d5	8.70	82	1021477	69.42	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	375215	84.47	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1818025	66.09	ng	0.00
79) Terphenyl-d14	19.55	244	1671975	73.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	210614	39.991	ng	99
3) Pyridine	3.50	79	594410	37.872	ng	100
4) n-Nitrosodimethylamine	3.43	42	274943	46.501	ng	99
6) Aniline	6.89	93	780413	35.758	ng	100
8) 2-Chlorophenol	7.13	128	581254	43.248	ng	99
9) Benzaldehyde	6.70	77	167893	17.924	ng	97
10) Phenol	6.78	94	764428	43.285	ng	98
11) bis(2-Chloroethyl)ether	6.99	93	600536	40.883	ng	98
12) 1,3-Dichlorobenzene	7.45	146	620997	40.295	ng	98
13) 1,4-Dichlorobenzene	7.59	146	624577	40.383	ng	99
14) 1,2-Dichlorobenzene	7.90	146	599644	40.204	ng	100
15) Benzyl Alcohol	7.80	79	486843	42.199	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.08	45	834045	39.480	ng	99
17) 2-Methylphenol	8.02	107	483895	38.460	ng	100
18) Hexachloroethane	8.62	117	231516	42.262	ng	99
19) n-Nitroso-di-n-propylamine	8.36	70	407872	38.850	ng	100
20) 3+4-Methylphenols	8.34	107	624952	37.565	ng	98
22) Acetophenone	8.37	105	781345	40.271	ng	98
24) Nitrobenzene	8.74	77	666208	41.803	ng	98
25) Isophorone	9.26	82	1140114	38.015	ng	98
26) 2-Nitrophenol	9.45	139	293044	42.573	ng	97
27) 2,4-Dimethylphenol	9.53	122	481326	43.071	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	746529	40.980	ng	99
29) 2,4-Dichlorophenol	9.99	162	494437	40.131	ng	98
30) 1,2,4-Trichlorobenzene	10.19	180	549905	38.967	ng	97
31) Naphthalene	10.37	128	1606113	38.653	ng	99
32) Benzoic acid	9.71	122	234376	30.183	ng	95
33) 4-Chloroaniline	10.49	127	291519	16.373	ng	99
34) Hexachlorobutadiene	10.67	225	314027	38.500	ng	99
35) Caprolactam	11.26	113	140829m	32.692	ng	
36) 4-Chloro-3-methylphenol	11.65	107	505613	38.072	ng	100
37) 2-Methylnaphthalene	12.00	142	1110814	37.884	ng	99
38) 1-Methylnaphthalene	12.22	142	1033606	37.270	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	526889	40.288	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002752.D
Acq On : 15 Jul 2020 13:47
Operator : CG/JU
Sample : PB130217BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 15:18:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Manual Integrations APPROVED
mohammad
7/16/2020 11:07:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	564724	95.859	ng	98
43) 2,4,6-Trichlorophenol	12.63	196	344184	41.116	ng	97
44) 2,4,5-Trichlorophenol	12.71	196	365469	37.641	ng	98
46) 1,1'-Biphenyl	13.03	154	1292174	40.730	ng	100
47) 2-Chloronaphthalene	13.06	162	1015286	39.401	ng	98
48) 2-Nitroaniline	13.28	65	314298	39.459	ng	93
49) Acenaphthylene	13.92	152	1572652	38.714	ng	99
50) Dimethylphthalate	13.68	163	1173457	36.158	ng	99
51) 2,6-Dinitrotoluene	13.79	165	262274	37.748	ng	97
52) Acenaphthene	14.27	154	925679	38.130	ng	99
53) 3-Nitroaniline	14.12	138	161134	20.728	ng	92
54) 2,4-Dinitrophenol	14.33	184	233212	62.991	ng	95
55) Dibenzofuran	14.60	168	1437004	36.907	ng	98
56) 4-Nitrophenol	14.46	139	368907	60.513	ng	97
57) 2,4-Dinitrotoluene	14.59	165	330848	36.157	ng	95
58) Fluorene	15.26	166	1048261	36.385	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	286157	37.390	ng	99
60) Diethylphthalate	15.05	149	1095587	34.818	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	541087	35.346	ng	98
62) 4-Nitroaniline	15.29	138	244204	29.948	ng	96
63) Azobenzene	15.56	77	1256700	38.843	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	171046	39.052	ng	98
66) n-Nitrosodiphenylamine	15.48	169	957443	42.982	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	333604	40.614	ng	97
68) Hexachlorobenzene	16.27	284	362955	41.939	ng	97
69) Atrazine	16.45	200	279893	46.026	ng	99
70) Pentachlorophenol	16.63	266	320468	76.882	ng	98
71) Phenanthrene	17.00	178	1633262	40.003	ng	99
72) Anthracene	17.10	178	1645658	41.075	ng	99
73) Carbazole	17.37	167	1436509	36.538	ng	99
74) Di-n-butylphthalate	17.95	149	1638451	38.426	ng	99
75) Fluoranthene	18.99	202	1680124	35.515	ng	98
77) Benzidine	19.17	184	745472	57.436	ng	100
78) Pyrene	19.35	202	1675501	46.345	ng	100
80) Butylbenzylphthalate	20.23	149	602535	42.234	ng	93
81) Benzo(a)anthracene	21.06	228	1369348	40.399	ng	100
82) 3,3'-Dichlorobenzidine	20.99	252	324066	28.869	ng	98
83) Chrysene	21.10	228	1316095	40.790	ng	97
84) Bis(2-ethylhexyl)phthalate	21.00	149	856030	43.141	ng	99
85) Di-n-octyl phthalate	21.86	149	1387927	38.906	ng	99
87) Indeno(1,2,3-cd)pyrene	25.46	276	1611888	45.990	ng	99
88) Benzo(b)fluoranthene	22.60	252	1266279	42.054	ng	99
89) Benzo(k)fluoranthene	22.65	252	1328790	44.802	ng	99
90) Benzo(a)pyrene	23.16	252	1199543	42.039	ng	99
91) Dibenzo(a,h)anthracene	25.46	278	1311643	46.404	ng	96
92) Benzo(g,h,i)perylene	26.12	276	1318723	46.015	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002752.D
Acq On : 15 Jul 2020 13:47
Operator : CG/JU
Sample : PB130217BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 15:18:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Manual Integrations APPROVED
mohammad
7/16/2020 11:07:10 AM