Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000053.D
Acq On : 04 Sep 2019 09:44
Operator : HP/JU
Sample : PB122750BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB122750BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:14 AM

Quant Time: Sep 04 14:16:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	421399	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1601866	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	835914	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1474824	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1191629	20.00	ng		0.00
87) Perylene-d12	15.63	264	1273131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3043731	115.18	ng		0.01
7) Phenol-d6	6.52	99	3722957	111.60	ng		0.00
23) Nitrobenzene-d5	7.45	82	1884779	72.20	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	846079	120.08	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3743184	74.78	ng		0.00
79) Terphenyl-d14	13.04	244	4071551	74.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	507800	41.775	ng		99
3) Pyridine	3.51	79	1229888	37.555	ng		99
4) n-Nitrosodimethylamine	3.45	42	420313	39.746	ng		95
6) Aniline	6.55	93	1621226	33.579	ng		99
8) 2-Chlorophenol	6.68	128	1248679	45.698	ng		97
9) Benzaldehyde	6.44	77	858203	41.717	ng		97
10) Phenol	6.53	94	1599574	43.156	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	1263235	43.144	ng		96
12) 1,3-Dichlorobenzene	6.84	146	1409801	44.233	ng		97
13) 1,4-Dichlorobenzene	6.91	146	1425791	44.924	ng		100
14) 1,2-Dichlorobenzene	7.06	146	1322722	45.360	ng		98
15) Benzyl Alcohol	7.03	79	1031162	42.158	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1235861	39.250	ng		97
17) 2-Methylphenol	7.13	107	1024217	43.644	ng		99
18) Hexachloroethane	7.41	117	510888	43.402	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	787115	41.457	ng		99
20) 3+4-Methylphenols	7.29	107	1309634	44.745	ng	#	89
22) Acetophenone	7.30	105	1766335	46.036	ng	#	96
24) Nitrobenzene	7.47	77	1255227	44.383	ng		94
25) Isophorone	7.71	82	2337468	42.376	ng		97
26) 2-Nitrophenol	7.79	139	553882	50.290	ng		98
27) 2,4-Dimethylphenol	7.82	122	1100394	49.512	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	1522311	42.441	ng		99
29) 2,4-Dichlorophenol	8.03	162	1039516	45.487	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	1164742	44.707	ng		100
31) Naphthalene	8.20	128	3496198	47.571	ng		99
32) Benzoic acid	7.92	122	586296	40.840	ng		97
33) 4-Chloroaniline	8.24	127	923127	26.631	ng		95
34) Hexachlorobutadiene	8.32	225	653997	44.550	ng		100
35) Caprolactam	8.59	113	337296m	41.502	ng		
36) 4-Chloro-3-methylphenol	8.72	107	1063055	42.633	ng		95
37) 2-Methylnaphthalene	8.89	142	2436903	47.446	ng		99
38) 1-Methylnaphthalene	8.99	142	2260467	46.710	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1119131	47.300	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000053.D
Acq On : 04 Sep 2019 09:44
Operator : HP/JU
Sample : PB122750BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB122750BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:14 AM

Quant Time: Sep 04 14:16:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1352333	103.804	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	703246	43.100	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	776176	45.465	ng		98
46) 1,1'-Biphenyl	9.36	154	2789776	47.275	ng		98
47) 2-Chloronaphthalene	9.38	162	2168643	44.270	ng		99
48) 2-Nitroaniline	9.47	65	543743	41.094	ng	#	83
49) Acenaphthylene	9.80	152	3424167	47.109	ng		99
50) Dimethylphthalate	9.66	163	2503938	43.957	ng		99
51) 2,6-Dinitrotoluene	9.71	165	560384	46.348	ng		92
52) Acenaphthene	9.98	154	2233850	48.977	ng		99
53) 3-Nitroaniline	9.88	138	449292	31.106	ng	#	89
54) 2,4-Dinitrophenol	9.99	184	407552	88.846	ng	#	30
55) Dibenzofuran	10.15	168	3064445	47.315	ng		98
56) 4-Nitrophenol	10.03	139	954052	92.409	ng		92
57) 2,4-Dinitrotoluene	10.12	165	733503	47.519	ng		89
58) Fluorene	10.49	166	2341760	48.043	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	632891	48.962	ng		95
60) Diethylphthalate	10.36	149	2440280	42.799	ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	1185785	46.804	ng		98
62) 4-Nitroaniline	10.50	138	622511	45.184	ng		93
63) Azobenzene	10.65	77	2356571	43.160	ng		94
65) 4,6-Dinitro-2-methylphenol	10.53	198	279937	49.109	ng		86
66) n-Nitrosodiphenylamine	10.60	169	2105627	48.056	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	688350	45.926	ng		95
68) Hexachlorobenzene	11.05	284	726423	44.481	ng	#	90
69) Atrazine	11.13	200	610202	54.042	ng		98
70) Pentachlorophenol	11.24	266	870752	98.400	ng		99
71) Phenanthrene	11.46	178	3529745	48.018	ng		99
72) Anthracene	11.51	178	3532639	48.649	ng		100
73) Carbazole	11.66	167	3243746	47.326	ng		99
74) Di-n-butylphthalate	12.00	149	3732236	44.907	ng		99
75) Fluoranthene	12.66	202	3802695	47.605	ng		97
77) Benzidine	12.78	184	1984395	48.266	ng		97
78) Pyrene	12.89	202	3916283	44.674	ng		100
80) Butylbenzylphthalate	13.52	149	1618180	41.428	ng	#	92
81) Benzo(a)anthracene	14.09	228	3405880	44.108	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	938293	32.939	ng		99
83) Chrysene	14.13	228	3334230	45.651	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	2217937	43.634	ng		99
85) Di-n-octyl phthalate	14.72	149	3882411	43.344	ng		97
86) Indeno(1,2,3-cd)pyrene	17.19	276	3994277	43.643	ng		98
88) Benzo(b)fluoranthene	15.18	252	3590656	46.173	ng		100
89) Benzo(k)fluoranthene	15.21	252	3465216	48.694	ng		99
90) Benzo(a)pyrene	15.56	252	3381085	48.164	ng		99
91) Dibenzo(a,h)anthracene	17.20	278	3297665	46.974	ng		100
92) Benzo(g,h,i)perylene	17.65	276	3353544	48.264	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000053.D
Acq On : 04 Sep 2019 09:44
Operator : HP/JU
Sample : PB122750BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 14:16:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB122750BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:14 AM