Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001304.D
Acq On : 10 Dec 2019 19:55
Operator : JU
Sample : K6111-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Manual Integrations APPROVED
mohammad
12/11/2019 12:31:06 PM

Quant Time: Dec 11 04:55:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	73116	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	265718	20.00	ng		-0.01
39) Acenaphthene-d10	13.20	164	156018	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	303601	20.00	ng		0.00
76) Chrysene-d12	19.25	240	225271	20.00	ng		0.00
87) Perylene-d12	21.02	264	226853	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	590124	133.91	ng		0.03
7) Phenol-d6	7.77	99	756141	128.79	ng		0.00
23) Nitrobenzene-d5	9.19	82	636901	103.99	ng		0.00
42) 2,4,6-Tribromophenol	14.51	330	279812	187.11	ng		0.00
45) 2-Fluorobiphenyl	12.13	172	1155379	108.38	ng		0.00
79) Terphenyl-d14	17.89	244	1411500	115.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	70943	34.464	ng	#	82
3) Pyridine	3.53	79	149392	26.154	ng	#	90
4) n-Nitrosodimethylamine	3.42	42	134658	54.479	ng		81
6) Aniline	7.79	93	128485	16.505	ng	#	1
8) 2-Chlorophenol	7.97	128	215752	47.318	ng		97
9) Benzaldehyde	7.60	77	65036	14.620	ng		99
10) Phenol	7.79	94	262241	39.267	ng		94
11) bis(2-Chloroethyl)ether	7.92	93	226419	43.538	ng		98
12) 1,3-Dichlorobenzene	8.22	146	221418	40.970	ng		96
13) 1,4-Dichlorobenzene	8.33	146	231071	42.443	ng		98
14) 1,2-Dichlorobenzene	8.57	146	223015	43.526	ng		98
15) Benzyl Alcohol	8.55	79	268818	55.777	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.77	45	354043	42.345	ng		99
17) 2-Methylphenol	8.73	107	192485	46.021	ng		96
18) Hexachloroethane	9.11	117	94978	42.172	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	208380	49.186	ng		98
20) 3+4-Methylphenols	8.98	107	253217	48.027	ng		99
22) Acetophenone	8.96	105	385502	49.361	ng	#	97
24) Nitrobenzene	9.22	77	311344	51.123	ng		98
25) Isophorone	9.62	82	554333	50.474	ng		99
26) 2-Nitrophenol	9.73	139	116591	52.266	ng		97
27) 2,4-Dimethylphenol	9.83	122	204303	57.819	ng		97
28) bis(2-Chloroethoxy)methane	9.98	93	310807	45.106	ng		99
29) 2,4-Dichlorophenol	10.12	162	208659	51.884	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	225975	48.109	ng		99
31) Naphthalene	10.37	128	674459	49.699	ng		99
32) Benzoic acid	10.03	122	115403	45.176	ng		97
33) 4-Chloroaniline	10.47	127	69121	11.737	ng		99
34) Hexachlorobutadiene	10.60	225	151159	51.156	ng		96
35) Caprolactam	11.05	113	49463m	35.687	ng		
36) 4-Chloro-3-methylphenol	11.29	107	252200	52.893	ng		96
37) 2-Methylnaphthalene	11.51	142	481241	51.969	ng		98
38) 1-Methylnaphthalene	11.67	142	441958	50.524	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	256302	52.128	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001304.D
Acq On : 10 Dec 2019 19:55
Operator : JU
Sample : K6111-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Manual Integrations APPROVED
mohammad
12/11/2019 12:31:06 PM

Quant Time: Dec 11 04:55:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	309385	136.397 ng	100
43) 2,4,6-Trichlorophenol	11.97	196	166941	52.001 ng	98
44) 2,4,5-Trichlorophenol	12.04	196	180745	54.338 ng	98
46) 1,1'-Biphenyl	12.28	154	614793	50.988 ng	97
47) 2-Chloronaphthalene	12.30	162	478082	49.638 ng	99
48) 2-Nitroaniline	12.47	65	189051	50.083 ng	97
49) Acenaphthylene	12.97	152	749866	51.941 ng	99
50) Dimethylphthalate	12.81	163	596962	51.159 ng	98
51) 2,6-Dinitrotoluene	12.89	165	128016	51.250 ng	94
52) Acenaphthene	13.26	154	437980	50.434 ng	99
53) 3-Nitroaniline	13.14	138	59273	21.124 ng	97
54) 2,4-Dinitrophenol	13.33	184	94006	91.059 ng	89
55) Dibenzofuran	13.55	168	691426	52.984 ng	100
56) 4-Nitrophenol	13.45	139	166662	83.822 ng	88
57) 2,4-Dinitrotoluene	13.55	165	170362	54.412 ng	93
58) Fluorene	14.11	166	560328	53.585 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	150269	54.957 ng	99
60) Diethylphthalate	13.97	149	619395	51.265 ng	100
61) 4-Chlorophenyl-phenylether	14.13	204	287521	53.996 ng	99
62) 4-Nitroaniline	12.47	138	147795	45.431 ng	97
63) Azobenzene	14.39	77	667604	51.119 ng	95
65) 4,6-Dinitro-2-methylphenol	14.21	198	70177	53.125 ng	93
66) n-Nitrosodiphenylamine	14.33	169	472461	51.217 ng	99
67) 4-Bromophenyl-phenylether	14.93	248	170102	51.607 ng	95
68) Hexachlorobenzene	15.01	284	185624	51.225 ng	93
69) Atrazine	15.22	200	154431	54.829 ng	98
70) Pentachlorophenol	15.32	266	222118	117.607 ng	99
71) Phenanthrene	15.65	178	815126	51.069 ng	99
72) Anthracene	15.72	178	826137	52.513 ng	99
73) Carbazole	15.97	167	729523	50.960 ng	100
74) Di-n-butylphthalate	16.52	149	984169	51.132 ng	99
75) Fluoranthene	17.35	202	891883	52.782 ng	99
77) Benzidine	17.53	184	55477	9.538 ng	96
78) Pyrene	17.66	202	887736	50.033 ng	99
80) Butylbenzylphthalate	18.54	149	410753	50.122 ng	100
81) Benzo(a)anthracene	19.23	228	775232	49.634 ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	163250	31.638 ng	99
83) Chrysene	19.29	228	735706	52.602 ng	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	599259	53.186 ng	99
85) Di-n-octyl phthalate	20.07	149	996538	49.789 ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	762488	46.259 ng	98
88) Benzo(b)fluoranthene	20.53	252	720750	52.017 ng	99
89) Benzo(k)fluoranthene	20.57	252	701185	52.541 ng	99
90) Benzo(a)pyrene	20.95	252	670510	52.536 ng	98
91) Dibenzo(a,h)anthracene	22.69	278	642452	51.438 ng	98
92) Benzo(g,h,i)perylene	23.15	276	613439	49.739 ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001304.D
Acq On : 10 Dec 2019 19:55
Operator : JU
Sample : K6111-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 11 04:55:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CL-01-120619MSD

Manual Integrations APPROVED
mohammad
12/11/2019 12:31:06 PM