Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000876.D
Acq On : 18 Oct 2019 15:25
Operator : JU
Sample : K5357-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-11933MSD

Manual Integrations APPROVED
mohammad
10/22/2019 1:39:04 AM

Quant Time: Oct 18 16:50:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	171196	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	625245	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	351945	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	640208	20.00	ng		0.00
76) Chrysene-d12	13.96	240	514576	20.00	ng		0.00
87) Perylene-d12	15.43	264	593852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	958367	89.99	ng		0.00
7) Phenol-d6	6.39	99	1212798	94.50	ng		0.00
23) Nitrobenzene-d5	7.30	82	680835	66.51	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	398139	106.16	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1469980	67.58	ng		0.00
79) Terphenyl-d14	12.89	244	1647664	64.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	136948	32.201	ng		99
3) Pyridine	3.20	79	352293	30.318	ng		100
4) n-Nitrosodimethylamine	3.13	42	120210	36.763	ng		97
6) Aniline	6.40	93	402031	25.785	ng	#	61
8) 2-Chlorophenol	6.53	128	443816	42.224	ng		98
9) Benzaldehyde	6.29	77	219345	32.811	ng		98
10) Phenol	6.40	94	546764	41.610	ng		88
11) bis(2-Chloroethyl)ether	6.48	93	396155	39.186	ng		100
12) 1,3-Dichlorobenzene	6.68	146	485926	38.138	ng		99
13) 1,4-Dichlorobenzene	6.76	146	501728	39.133	ng		100
14) 1,2-Dichlorobenzene	6.91	146	465755	39.347	ng		100
15) Benzyl Alcohol	6.89	79	342434	41.315	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	345818	37.084	ng		95
17) 2-Methylphenol	7.00	107	361499	41.615	ng		99
18) Hexachloroethane	7.25	117	175202	38.396	ng		100
19) n-Nitroso-di-n-propylamine	7.15	70	246887	41.735	ng		100
20) 3+4-Methylphenols	7.16	107	451332	44.403	ng		98
22) Acetophenone	7.15	105	597621	41.366	ng		99
24) Nitrobenzene	7.32	77	410701	41.596	ng		99
25) Isophorone	7.56	82	765701	42.143	ng		99
26) 2-Nitrophenol	7.64	139	240070	46.236	ng		99
27) 2,4-Dimethylphenol	7.69	122	379511	47.682	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	513320	41.573	ng		100
29) 2,4-Dichlorophenol	7.89	162	405509	45.060	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	444961	42.100	ng		99
31) Naphthalene	8.05	128	1273110	43.598	ng		100
32) Benzoic acid	7.82	122	190113	37.828	ng		99
33) 4-Chloroaniline	8.09	127	294388	22.960	ng		100
34) Hexachlorobutadiene	8.17	225	269884	42.253	ng		100
35) Caprolactam	8.46	113	128124m	42.506	ng		
36) 4-Chloro-3-methylphenol	8.59	107	402120	45.622	ng		98
37) 2-Methylnaphthalene	8.74	142	885751	45.185	ng		99
38) 1-Methylnaphthalene	8.84	142	824398	44.508	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	466411	41.870	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000876.D
Acq On : 18 Oct 2019 15:25
Operator : JU
Sample : K5357-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11933MSD

Manual Integrations APPROVED
mohammad
10/22/2019 1:39:04 AM

Quant Time: Oct 18 16:50:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	285288	65.443 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	286992	41.852 ng	99
44) 2,4,5-Trichlorophenol	9.07	196	311739	44.031 ng	97
46) 1,1'-Biphenyl	9.20	154	1109722	41.773 ng	99
47) 2-Chloronaphthalene	9.23	162	871438	42.422 ng	97
48) 2-Nitroaniline	9.33	65	197772	39.767 ng	95
49) Acenaphthylene	9.65	152	1369775	44.198 ng	100
50) Dimethylphthalate	9.51	163	1265733	51.758 ng	100
51) 2,6-Dinitrotoluene	9.58	165	233687	43.820 ng	92
52) Acenaphthene	9.82	154	777779	41.371 ng	99
53) 3-Nitroaniline	9.74	138	145216	23.765 ng	97
54) 2,4-Dinitrophenol	9.86	184	171820	96.554 ng	95
55) Dibenzofuran	10.00	168	1218925	43.374 ng	98
56) 4-Nitrophenol	9.92	139	273057	69.992 ng	97
57) 2,4-Dinitrotoluene	9.99	165	301467	42.635 ng	96
58) Fluorene	10.34	166	945345	47.198 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	262363	43.837 ng	95
60) Diethylphthalate	10.22	149	986531	42.497 ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	496876	46.133 ng	97
62) 4-Nitroaniline	10.36	138	235221	40.025 ng	98
63) Azobenzene	10.49	77	790233	44.338 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	142874	50.343 ng	92
66) n-Nitrosodiphenylamine	10.45	169	848484	45.504 ng	100
67) 4-Bromophenyl-phenylether	10.83	248	323449	44.882 ng	93
68) Hexachlorobenzene	10.90	284	354946	43.342 ng	99
69) Atrazine	10.99	200	257873	42.143 ng	100
70) Pentachlorophenol	11.10	266	251167	76.360 ng	98
71) Phenanthrene	11.31	178	1411415	43.897 ng	100
72) Anthracene	11.36	178	1422895	44.632 ng	99
73) Carbazole	11.52	167	1280557	43.331 ng	99
74) Di-n-butylphthalate	11.86	149	1558837	43.300 ng	100
75) Fluoranthene	12.52	202	1577929	43.696 ng	98
77) Benzidine	12.63	184	588402	39.488 ng	99
78) Pyrene	12.75	202	1607689	45.300 ng	100
80) Butylbenzylphthalate	13.37	149	658764	42.597 ng	94
81) Benzo(a)anthracene	13.95	228	1361935	43.379 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	391635	31.404 ng	100
83) Chrysene	13.99	228	1331977	43.224 ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	881675	45.330 ng	98
85) Di-n-octyl phthalate	14.56	149	1575220	44.682 ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1657310	43.055 ng	100
88) Benzo(b)fluoranthene	15.01	252	1436728	42.645 ng	100
89) Benzo(k)fluoranthene	15.04	252	1420463	44.285 ng	99
90) Benzo(a)pyrene	15.37	252	1416815	45.113 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1356333	44.528 ng	98
92) Benzo(g,h,i)perylene	17.36	276	1405426	45.407 ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000876.D
Acq On : 18 Oct 2019 15:25
Operator : JU
Sample : K5357-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 18 16:50:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
72-11933MSD

Manual Integrations APPROVED
mohammad
10/22/2019 1:39:04 AM