Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120887.D
Acq On : 16 Jul 2020 15:59
Operator : JU/CG
Sample : PB130244BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:11 PM

Quant Time: Jul 16 16:51:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	163371	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	632167	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	337142	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	665483	20.00	ng	0.00
76) Chrysene-d12	13.97	240	539332	20.00	ng	0.00
86) Perylene-d12	15.42	264	576247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	980785	98.42	ng	0.00
7) Phenol-d6	6.45	99	1196207	92.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	742736	67.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	377179	102.21	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1405342	62.24	ng	0.00
79) Terphenyl-d14	12.92	244	1545273	62.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	155512	33.907	ng	99
3) Pyridine	3.30	79	446245	36.575	ng	99
4) n-Nitrosodimethylamine	3.25	42	217286	41.648	ng	97
6) Aniline	6.47	93	567701	33.784	ng	99
8) 2-Chlorophenol	6.60	128	472713	43.059	ng	99
9) Benzaldehyde	6.36	77	130270	17.533	ng	97
10) Phenol	6.46	94	585587	41.353	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	446004	41.097	ng	98
12) 1,3-Dichlorobenzene	6.76	146	478837	40.224	ng	98
13) 1,4-Dichlorobenzene	6.83	146	479859	40.538	ng	98
14) 1,2-Dichlorobenzene	6.99	146	467018	41.703	ng	99
15) Benzyl Alcohol	6.96	79	369360	40.573	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	625175	39.967	ng	100
17) 2-Methylphenol	7.07	107	377177	38.763	ng	98
18) Hexachloroethane	7.33	117	179772	41.960	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	294110	40.179	ng	99
20) 3+4-Methylphenols	7.22	107	433422	35.015	ng	94
22) Acetophenone	7.23	105	564502	39.788	ng	99
24) Nitrobenzene	7.40	77	476733	40.486	ng	99
25) Isophorone	7.64	82	871091	39.950	ng	99
26) 2-Nitrophenol	7.72	139	249140	44.549	ng	99
27) 2,4-Dimethylphenol	7.75	122	402527	44.332	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	553719	41.602	ng	100
29) 2,4-Dichlorophenol	7.96	162	391253	42.168	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	415136	40.328	ng	100
31) Naphthalene	8.12	128	1296981	39.997	ng	100
32) Benzoic acid	7.87	122	310163	45.505	ng	98
33) 4-Chloroaniline	8.17	127	393395	27.195	ng	98
34) Hexachlorobutadiene	8.24	225	239463	39.461	ng	98
35) Caprolactam	8.54	113	131173m	44.086	ng	
36) 4-Chloro-3-methylphenol	8.65	107	413872	43.493	ng	97
37) 2-Methylnaphthalene	8.81	142	882667	41.922	ng	99
38) 1-Methylnaphthalene	8.91	142	839831	42.115	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	379629	38.647	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120887.D
Acq On : 16 Jul 2020 15:59
Operator : JU/CG
Sample : PB130244BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:11 PM

Quant Time: Jul 16 16:51:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	459587	84.656	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	292166	42.244	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	318813	40.638	ng		98
46) 1,1'-Biphenyl	9.27	154	1047591	40.735	ng		100
47) 2-Chloronaphthalene	9.30	162	834803	39.814	ng		99
48) 2-Nitroaniline	9.39	65	267701	42.248	ng		98
49) Acenaphthylene	9.72	152	1332607	40.911	ng		100
50) Dimethylphthalate	9.58	163	1002965	41.236	ng		99
51) 2,6-Dinitrotoluene	9.64	165	231007	44.208	ng		90
52) Acenaphthene	9.89	154	930581	44.936	ng		99
53) 3-Nitroaniline	9.80	138	191285	29.187	ng		99
54) 2,4-Dinitrophenol	9.91	184	245806	81.576	ng		90
55) Dibenzofuran	10.06	168	1212072	40.473	ng		100
56) 4-Nitrophenol	9.97	139	429828	86.339	ng		98
57) 2,4-Dinitrotoluene	10.04	165	314168	45.782	ng		91
58) Fluorene	10.40	166	866961	38.815	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	273975	45.867	ng		98
60) Diethylphthalate	10.28	149	1046163	42.524	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	424597	35.641	ng		100
62) 4-Nitroaniline	10.42	138	257169	40.283	ng		96
63) Azobenzene	10.56	77	982579	41.952	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	170903	44.663	ng		91
66) n-Nitrosodiphenylamine	10.52	169	875222	41.807	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	297364	40.078	ng	#	90
68) Hexachlorobenzene	10.95	284	332556	41.434	ng		98
69) Atrazine	11.04	200	259324	50.018	ng		98
70) Pentachlorophenol	11.14	266	396135	86.153	ng		99
71) Phenanthrene	11.36	178	1377656	40.252	ng		99
72) Anthracene	11.42	178	1443857	42.012	ng		99
73) Carbazole	11.57	167	1360155	39.879	ng		100
74) Di-n-butylphthalate	11.90	149	1648798	41.891	ng		100
75) Fluoranthene	12.55	202	1583014	41.728	ng		98
77) Benzidine	12.67	184	798051	56.280	ng		99
78) Pyrene	12.78	202	1607392	42.155	ng		99
80) Butylbenzylphthalate	13.40	149	749121	44.070	ng		99
81) Benzo(a)anthracene	13.96	228	1273380	38.990	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	419788	34.070	ng		99
83) Chrysene	14.00	228	1418826	41.339	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	836650	39.915	ng		100
85) Di-n-octyl phthalate	14.57	149	1777021	42.613	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1546747	38.596	ng		100
88) Benzo(b)fluoranthene	15.00	252	1496188	42.954	ng		100
89) Benzo(k)fluoranthene	15.03	252	1427972	44.952	ng		100
90) Benzo(a)pyrene	15.36	252	1347562	42.404	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1287306	39.324	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1221246	37.836	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120887.D
Acq On : 16 Jul 2020 15:59
Operator : JU/CG
Sample : PB130244BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 16 16:51:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB130244BS

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:11 PM