Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107699.D
Acq On : 26 Jul 2018 15:03
Operator : JU/SJ
Sample : PB111479BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Manual Integrations APPROVED
Sohil
7/27/2018 2:53:40 PM

Quant Time: Jul 26 15:44:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	205530	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	795692	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	372120	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	727288	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	436580	20.00	ng		-0.02
86) Perylene-d12	15.68	264	495345	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1401626	109.65	ng		0.00
7) Phenol-d6	6.61	99	1624883	105.86	ng		0.00
23) Nitrobenzene-d5	7.53	82	1066620	90.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.81	330	567803	134.18	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	2066752	99.65	ng		-0.02
78) Terphenyl-d14	13.08	244	1969288	115.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	161363	27.120	ng	#	85
3) Pyridine	3.68	79	399601	24.687	ng		87
4) n-Nitrosodimethylamine	3.63	42	182012	26.661	ng		87
6) Aniline	6.64	93	390043	19.702	ng	#	66
8) 2-Chlorophenol	6.76	128	512061	37.389	ng		98
9) Benzaldehyde	6.52	77	280100	27.730	ng		94
10) Phenol	6.62	94	573922	31.793	ng		84
11) bis(2-Chloroethyl)ether	6.70	93	484166	32.351	ng		95
12) 1,3-Dichlorobenzene	6.90	146	539355	34.735	ng		98
13) 1,4-Dichlorobenzene	6.98	146	584784	36.744	ng		100
14) 1,2-Dichlorobenzene	7.13	146	513404	35.947	ng		99
15) Benzyl Alcohol	7.11	79	393879	37.652	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	797215	31.575	ng		62
17) 2-Methylphenol	7.22	107	417880	35.899	ng	#	84
18) Hexachloroethane	7.47	117	205706	36.851	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	351051	35.403	ng		98
20) 3+4-Methylphenols	7.38	107	526930	38.122	ng	#	70
22) Acetophenone	7.37	105	730800	39.108	ng	#	91
24) Nitrobenzene	7.55	77	521976	38.653	ng		99
25) Isophorone	7.78	82	989760	39.317	ng		99
26) 2-Nitrophenol	7.87	139	299514	52.522	ng		97
27) 2,4-Dimethylphenol	7.90	122	453282	41.992	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	621925	36.967	ng		99
29) 2,4-Dichlorophenol	8.11	162	450203	40.805	ng		100
30) 1,2,4-Trichlorobenzene	8.18	180	475193	38.347	ng		98
31) Naphthalene	8.27	128	1498672	42.832	ng		99
32) Benzoic acid	8.04	122	316762	43.016	ng		98
33) 4-Chloroaniline	8.32	127	171899	11.240	ng		98
34) Hexachlorobutadiene	8.37	225	278122	37.771	ng		99
35) Caprolactam	8.71	113	159389m	44.415	ng		
36) 4-Chloro-3-methylphenol	8.81	107	494063	40.312	ng		99
37) 2-Methylnaphthalene	8.96	142	1050957	43.345	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	489999	39.479	ng		98
40) Hexachlorocyclopentadiene	9.10	237	542198	85.935	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107699.D
Acq On : 26 Jul 2018 15:03
Operator : JU/SJ
Sample : PB111479BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 26 15:44:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Manual Integrations APPROVED
Sohil
7/27/2018 2:53:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	325611	40.985	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	361882	43.583	ng		95
45) 1,1'-Biphenyl	9.42	154	1292872	39.884	ng		98
46) 2-Chloronaphthalene	9.45	162	971938	39.226	ng		98
47) 2-Nitroaniline	9.55	65	324518	44.925	ng		88
48) Acenaphthylene	9.87	152	1576177	42.346	ng		99
49) Dimethylphthalate	9.72	163	1116465	39.809	ng		99
50) 2,6-Dinitrotoluene	9.80	165	245764	44.137	ng		96
51) Acenaphthene	10.04	154	880233	37.744	ng		99
52) 3-Nitroaniline	9.97	138	138335	20.422	ng		93
53) 2,4-Dinitrophenol	10.08	184	272148	94.799	ng	#	22
54) Dibenzofuran	10.21	168	1359967	39.611	ng		98
55) 4-Nitrophenol	10.15	139	310418	61.206	ng		91
56) 2,4-Dinitrotoluene	10.20	165	312683	46.521	ng	#	95
57) Fluorene	10.56	166	1083722	44.244	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	325723	47.135	ng	#	84
59) Diethylphthalate	10.42	149	1162396	39.686	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	539794	38.982	ng		94
61) 4-Nitroaniline	10.60	138	229247	40.281	ng		94
62) Azobenzene	10.71	77	1078802	39.279	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	174034	49.284	ng		88
65) n-Nitrosodiphenylamine	10.67	169	960254	38.876	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	334140	39.029	ng	#	90
67) Hexachlorobenzene	11.10	284	370583	39.340	ng	#	91
68) Atrazine	11.20	200	292370	38.768	ng		95
69) Pentachlorophenol	11.31	266	385423	65.504	ng		99
70) Phenanthrene	11.52	178	1463114	41.283	ng		100
71) Anthracene	11.58	178	1598213	44.788	ng		99
72) Carbazole	11.74	167	1395667	37.612	ng		99
73) Di-n-butylphthalate	12.04	149	1710771	44.732	ng		100
74) Fluoranthene	12.72	202	1528529	40.192	ng		96
76) Benzidine	12.85	184	347931	27.673	ng		97
77) Pyrene	12.95	202	1487229	49.803	ng		98
79) Butylbenzylphthalate	13.55	149	615403	47.919	ng		93
80) Benzo(a)anthracene	14.14	228	1089999	42.604	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	268091	32.721	ng	#	98
82) Chrysene	14.18	228	1061653	43.198	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	779109	42.996	ng		98
84) Di-n-octyl phthalate	14.72	149	1201272	42.649	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1352732	64.944	ng	#	92
87) Benzo(b)fluoranthene	15.22	252	988606	36.467	ng		97
88) Benzo(k)fluoranthene	15.25	252	1044910	39.342	ng		98
89) Benzo(a)pyrene	15.62	252	1032184	41.624	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	1117319	52.123	ng		96
91) Benzo(g,h,i)perylene	17.75	276	1155301	54.639	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107699.D
Acq On : 26 Jul 2018 15:03
Operator : JU/SJ
Sample : PB111479BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 26 15:44:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Manual Integrations APPROVED
Sohil
7/27/2018 2:53:40 PM