Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108432.D
Acq On : 23 Aug 2018 20:32
Operator : JU/SJ
Sample : PB112282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:09 PM

Quant Time: Aug 24 01:59:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	137380	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	549481	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	280073	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	557943	20.00	ng	0.00
75) Chrysene-d12	14.19	240	371008	20.00	ng	0.00
86) Perylene-d12	15.74	264	291349	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	811526	106.95	ng	0.00
7) Phenol-d6	6.62	99	1093490	108.44	ng	0.00
23) Nitrobenzene-d5	7.57	82	710648	72.17	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	326575	116.90	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1395323	79.98	ng	0.00
78) Terphenyl-d14	13.12	244	1471533	100.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	144614	37.089	ng	# 89
3) Pyridine	3.75	79	398067	39.632	ng	88
4) n-Nitrosodimethylamine	3.71	42	210712	37.283	ng	86
6) Aniline	6.67	93	439045	32.010	ng	97
8) 2-Chlorophenol	6.79	128	370205	43.318	ng	99
9) Benzaldehyde	6.55	77	236690	30.275	ng	98
10) Phenol	6.64	94	473044	45.353	ng	89
11) bis(2-Chloroethyl)ether	6.73	93	360567	42.759	ng	91
12) 1,3-Dichlorobenzene	6.94	146	418010	42.301	ng	99
13) 1,4-Dichlorobenzene	7.02	146	423880	42.694	ng	96
14) 1,2-Dichlorobenzene	7.17	146	392488	42.500	ng	98
15) Benzyl Alcohol	7.14	79	325049	38.291	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	684538	39.406	ng	99
17) 2-Methylphenol	7.24	107	321805	43.909	ng	94
18) Hexachloroethane	7.51	117	153766	43.502	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	274919	40.317	ng	90
20) 3+4-Methylphenols	7.40	107	395802	42.143	ng	# 87
22) Acetophenone	7.41	105	531795	41.390	ng	# 94
24) Nitrobenzene	7.58	77	412592	41.435	ng	97
25) Isophorone	7.82	82	766097	40.817	ng	98
26) 2-Nitrophenol	7.90	139	186428	49.576	ng	89
27) 2,4-Dimethylphenol	7.92	122	347032	41.660	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	457388	41.744	ng	99
29) 2,4-Dichlorophenol	8.14	162	334568	43.643	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	355773	42.093	ng	96
31) Naphthalene	8.31	128	1075323	43.031	ng	99
32) Benzoic acid	8.04	122	152128	33.528	ng	94
33) 4-Chloroaniline	8.35	127	222616	20.442	ng	98
34) Hexachlorobutadiene	8.41	225	230043	42.994	ng	98
35) Caprolactam	8.72	113	94385m	39.289	ng	
36) 4-Chloro-3-methylphenol	8.83	107	350561	42.390	ng	96
37) 2-Methylnaphthalene	9.00	142	748567	42.339	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	376876	43.819	ng	98
40) Hexachlorocyclopentadiene	9.15	237	383304	68.998	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108432.D
Acq On : 23 Aug 2018 20:32
Operator : JU/SJ
Sample : PB112282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:09 PM

Quant Time: Aug 24 01:59:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	243065	45.542 ng		99
43) 2,4,5-Trichlorophenol	9.32	196	262562	44.689 ng	#	92
45) 1,1'-Biphenyl	9.46	154	915942	44.356 ng		99
46) 2-Chloronaphthalene	9.49	162	708110	43.387 ng		99
47) 2-Nitroaniline	9.59	65	233278	44.175 ng		95
48) Acenaphthylene	9.91	152	1122388	43.500 ng		99
49) Dimethylphthalate	9.76	163	831442	42.618 ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	182285	44.659 ng		88
51) Acenaphthene	10.08	154	662871	41.944 ng		99
52) 3-Nitroaniline	10.00	138	125622	28.129 ng		98
53) 2,4-Dinitrophenol	10.11	184	116401	76.534 ng	#	21
54) Dibenzofuran	10.25	168	980899	42.842 ng		96
55) 4-Nitrophenol	10.16	139	253492	74.957 ng		84
56) 2,4-Dinitrotoluene	10.24	165	242728	46.199 ng	#	98
57) Fluorene	10.60	166	787407	43.443 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	221604	45.127 ng	#	85
59) Diethylphthalate	10.46	149	804290	42.574 ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	402305	42.597 ng		94
61) 4-Nitroaniline	10.62	138	188391	42.667 ng		91
62) Azobenzene	10.75	77	823366	42.202 ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	86300	41.958 ng		92
65) n-Nitrosodiphenylamine	10.71	169	700438	42.482 ng		97
66) 4-Bromophenyl-phenylether	11.08	248	262206	43.244 ng	#	87
67) Hexachlorobenzene	11.15	284	272601	42.730 ng	#	87
68) Atrazine	11.23	200	234089	42.330 ng		94
69) Pentachlorophenol	11.34	266	242204	79.319 ng		98
70) Phenanthrene	11.57	178	1120780	42.589 ng		99
71) Anthracene	11.62	178	1161428	43.060 ng		99
72) Carbazole	11.77	167	992722	41.425 ng		99
73) Di-n-butylphthalate	12.08	149	1214650	44.749 ng		99
74) Fluoranthene	12.76	202	1202627	41.873 ng		96
76) Benzidine	12.88	184	527509	38.055 ng		99
77) Pyrene	13.00	202	1173544	49.962 ng		99
79) Butylbenzylphthalate	13.59	149	471664	50.570 ng	#	95
80) Benzo(a)anthracene	14.18	228	923018	43.350 ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	155809	20.419 ng	#	97
82) Chrysene	14.22	228	845503	43.314 ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	597691	47.321 ng		99
84) Di-n-octyl phthalate	14.77	149	841124	43.666 ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	799692	47.281 ng	#	90
87) Benzo(b)fluoranthene	15.28	252	737629	42.370 ng	#	97
88) Benzo(k)fluoranthene	15.31	252	658870	41.171 ng	#	94
89) Benzo(a)pyrene	15.68	252	677225	43.441 ng	#	96
90) Dibenzo(a,h)anthracene	17.37	278	672715	52.153 ng	#	93
91) Benzo(g,h,i)perylene	17.85	276	673118	52.996 ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108432.D
Acq On : 23 Aug 2018 20:32
Operator : JU/SJ
Sample : PB112282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 01:59:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:09 PM