Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108784.D
Acq On : 5 Sep 2018 19:50
Operator : JU/SJ
Sample : J4741-17MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC3-01-AMS

Manual Integrations APPROVED
Sohil
9/6/2018 4:44:48 PM

Quant Time: Sep 06 05:49:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	257085	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	980997	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	456581	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	793822	20.00	ng		0.00
75) Chrysene-d12	13.87	240	460364	20.00	ng		0.00
86) Perylene-d12	15.27	264	584766	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1549406	99.84	ng		0.00
7) Phenol-d6	6.37	99	2058936	103.12	ng		0.00
23) Nitrobenzene-d5	7.30	82	1251109	79.81	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	464279	106.52	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2090558	78.11	ng		0.00
78) Terphenyl-d14	12.82	244	1717259	86.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	222235	29.799	ng		94
3) Pyridine	3.13	79	115	0.006	ng	#	9
4) n-Nitrosodimethylamine	3.07	42	316456	40.340	ng		93
6) Aniline	6.38	93	16580m	0.617	ng		
8) 2-Chlorophenol	6.52	128	651661	37.939	ng		98
9) Benzaldehyde	6.28	77	413934	29.222	ng		97
10) Phenol	6.38	94	792493	34.653	ng		100
11) bis(2-Chloroethyl)ether	6.47	93	685160	37.400	ng		96
12) 1,3-Dichlorobenzene	6.68	146	674231	34.397	ng		99
13) 1,4-Dichlorobenzene	6.75	146	684912	34.941	ng		98
14) 1,2-Dichlorobenzene	6.91	146	645885	35.748	ng		96
15) Benzyl Alcohol	6.88	79	590481	38.536	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	986319	36.017	ng		96
17) 2-Methylphenol	6.99	107	562206	38.730	ng		97
18) Hexachloroethane	7.25	117	241567	34.178	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	480147	34.595	ng		98
20) 3+4-Methylphenols	7.14	107	649522	38.197	ng	#	61
22) Acetophenone	7.14	105	873387	39.229	ng	#	91
24) Nitrobenzene	7.31	77	688806	40.953	ng		100
25) Isophorone	7.55	82	1310698	41.918	ng		97
26) 2-Nitrophenol	7.63	139	310196	46.812	ng		99
27) 2,4-Dimethylphenol	7.67	122	599923	44.584	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	846686	40.501	ng		99
29) 2,4-Dichlorophenol	7.87	162	555354	40.025	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	557680	37.087	ng		97
31) Naphthalene	8.04	128	1803506	40.863	ng		98
32) Benzoic acid	7.76	122	131247	18.884	ng		97
33) 4-Chloroaniline	8.12	127	716080	35.327	ng		97
34) Hexachlorobutadiene	8.17	225	322123	35.859	ng		98
35) Caprolactam	8.45	113	173205	36.839	ng	#	83
36) 4-Chloro-3-methylphenol	8.57	107	583713	39.491	ng		100
37) 2-Methylnaphthalene	8.72	142	1235209	42.363	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	523542	38.359	ng		98
40) Hexachlorocyclopentadiene	8.89	237	301016	43.840	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108784.D
Acq On : 5 Sep 2018 19:50
Operator : JU/SJ
Sample : J4741-17MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMS

Manual Integrations APPROVED
Sohil
9/6/2018 4:44:48 PM

Quant Time: Sep 06 05:49:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	386083	41.530	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	404514	41.978	ng		97
45) 1,1'-Biphenyl	9.19	154	1417630	40.330	ng		98
46) 2-Chloronaphthalene	9.21	162	1118434	39.343	ng		99
47) 2-Nitroaniline	9.30	65	347577	44.756	ng		93
48) Acenaphthylene	9.62	152	1774853	41.885	ng		98
49) Dimethylphthalate	9.50	163	1825463	57.162	ng	#	98
50) 2,6-Dinitrotoluene	9.55	165	264976	43.545	ng		95
51) Acenaphthene	9.80	154	1072111	40.886	ng		98
52) 3-Nitroaniline	9.71	138	265520	36.656	ng	#	95
53) 2,4-Dinitrophenol	9.81	184	89084	44.519	ng	#	29
54) Dibenzofuran	9.97	168	1504298	39.356	ng		97
55) 4-Nitrophenol	9.87	139	423269	78.163	ng		95
56) 2,4-Dinitrotoluene	9.95	165	316668	40.692	ng	#	97
57) Fluorene	10.31	166	1083190	44.159	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	326969	42.075	ng		88
59) Diethylphthalate	10.20	149	1330950	40.386	ng		95
60) 4-Chlorophenyl-phenylether	10.31	204	523507	39.962	ng		94
61) 4-Nitroaniline	10.32	138	219534	33.455	ng		99
62) Azobenzene	10.47	77	1330025	39.098	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	76174	27.778	ng		97
65) n-Nitrosodiphenylamine	10.42	169	1050889	39.817	ng		95
66) 4-Bromophenyl-phenylether	10.79	248	364837	40.692	ng		92
67) Hexachlorobenzene	10.86	284	370181	38.677	ng	#	90
68) Atrazine	10.95	200	318159	37.656	ng		98
69) Pentachlorophenol	11.05	266	360858	61.669	ng		100
70) Phenanthrene	11.27	178	1609704	42.463	ng		98
71) Anthracene	11.32	178	1616029	44.524	ng		99
72) Carbazole	11.47	167	1391300	36.399	ng		99
73) Di-n-butylphthalate	11.81	149	1845946	43.488	ng		99
74) Fluoranthene	12.45	202	1538758	40.997	ng		98
76) Benzidine	12.55	184	73839	3.384	ng	#	78
77) Pyrene	12.67	202	1544280	43.594	ng		98
79) Butylbenzylphthalate	13.30	149	773306	48.475	ng		95
80) Benzo(a)anthracene	13.85	228	1311653	44.451	ng		98
81) 3,3'-Dichlorobenzidine	13.82	252	254636	22.149	ng		99
82) Chrysene	13.89	228	1287159	45.060	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1620614	80.839	ng		98
84) Di-n-octyl phthalate	14.47	149	1580258	47.281	ng		100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1131734	44.767	ng		96
87) Benzo(b)fluoranthene	14.87	252	1374716	43.234	ng		97
88) Benzo(k)fluoranthene	14.90	252	1257049	42.929	ng		98
89) Benzo(a)pyrene	15.21	252	1250365	43.581	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	939259	37.153	ng		97
91) Benzo(g,h,i)perylene	17.02	276	896023	35.398	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108784.D
Acq On : 5 Sep 2018 19:50
Operator : JU/SJ
Sample : J4741-17MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 06 05:49:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
AOC3-01-AMS

Manual Integrations APPROVED
Sohil
9/6/2018 4:44:48 PM