Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117772.D
Acq On : 12 Nov 2019 20:58
Operator : JU
Sample : K5746-07MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Manual Integrations APPROVED
mohammad
11/13/2019 6:48:41 PM

Quant Time: Nov 13 12:18:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	263761	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	997113	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	464506	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	745130	20.00	ng	0.00
76) Chrysene-d12	14.12	240	619074	20.00	ng	0.00
87) Perylene-d12	15.63	264	717832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1783358	122.39	ng	0.02
7) Phenol-d6	6.56	99	2178183	121.23	ng	0.01
23) Nitrobenzene-d5	7.49	82	1398016	82.78	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	531079	116.88	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2443222	103.78	ng	0.00
79) Terphenyl-d14	13.06	244	2246638	74.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.97	88	265659	36.591	ng	# 83
3) Pyridine	3.66	79	435300	21.797	ng	98
4) n-Nitrosodimethylamine	3.59	42	357276	40.597	ng	95
6) Aniline	6.59	93	210462	8.347	ng	97
8) 2-Chlorophenol	6.72	128	716490	44.201	ng	98
9) Benzaldehyde	6.47	77	57417	4.593	ng	99
10) Phenol	6.57	94	813733	42.032	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	673817	42.149	ng	97
12) 1,3-Dichlorobenzene	6.87	146	770652	41.015	ng	99
13) 1,4-Dichlorobenzene	6.95	146	784288	41.698	ng	99
14) 1,2-Dichlorobenzene	7.10	146	739325	42.691	ng	100
15) Benzyl Alcohol	7.06	79	622818	43.476	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	964706	38.166	ng	99
17) 2-Methylphenol	7.17	107	600877	43.161	ng	99
18) Hexachloroethane	7.45	117	275402	39.612	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	466865	39.520	ng	99
20) 3+4-Methylphenols	7.33	107	716089	43.197	ng	93
22) Acetophenone	7.34	105	946793	41.545	ng	99
24) Nitrobenzene	7.51	77	749471	42.497	ng	98
25) Isophorone	7.75	82	1290948	39.964	ng	100
26) 2-Nitrophenol	7.83	139	367812	44.924	ng	98
27) 2,4-Dimethylphenol	7.86	122	625746	45.326	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	808247	38.979	ng	100
29) 2,4-Dichlorophenol	8.07	162	593281	41.713	ng	95
30) 1,2,4-Trichlorobenzene	8.15	180	666399	40.928	ng	98
31) Naphthalene	8.24	128	2041488	44.793	ng	99
32) Benzoic acid	7.97	122	424730	38.866	ng	98
33) 4-Chloroaniline	8.28	127	89147	4.210	ng	99
34) Hexachlorobutadiene	8.35	225	371241	39.815	ng	97
35) Caprolactam	8.64	113	157675m	33.447	ng	
36) 4-Chloro-3-methylphenol	8.76	107	585285	40.780	ng	98
37) 2-Methylnaphthalene	8.93	142	1334896	43.023	ng	99
38) 1-Methylnaphthalene	9.03	142	1249518	42.407	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	593603	46.712	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117772.D
Acq On : 12 Nov 2019 20:58
Operator : JU
Sample : K5746-07MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Manual Integrations APPROVED
mohammad
11/13/2019 6:48:41 PM

Quant Time: Nov 13 12:18:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	297872	43.449	ng		98
43) 2,4,6-Trichlorophenol	9.20	196	414598	44.796	ng		97
44) 2,4,5-Trichlorophenol	9.25	196	416212	44.366	ng		99
46) 1,1'-Biphenyl	9.39	154	1550272	47.654	ng		99
47) 2-Chloronaphthalene	9.42	162	1209476	44.800	ng		99
48) 2-Nitroaniline	9.51	65	337490	39.891	ng		98
49) Acenaphthylene	9.84	152	1804891	45.907	ng		98
50) Dimethylphthalate	9.69	163	1362655	43.394	ng		99
51) 2,6-Dinitrotoluene	9.75	165	302156	42.971	ng		88
52) Acenaphthene	10.01	154	1122995	44.265	ng		99
53) 3-Nitroaniline	9.92	138	131942	15.553	ng		97
54) 2,4-Dinitrophenol	10.03	184	140447	58.260	ng		97
55) Dibenzofuran	10.18	168	1557389	43.870	ng		100
56) 4-Nitrophenol	10.07	139	487720	76.446	ng		91
57) 2,4-Dinitrotoluene	10.16	165	367080	40.695	ng		95
58) Fluorene	10.53	166	1119384	42.783	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	321514	41.228	ng		99
60) Diethylphthalate	10.40	149	1269237	41.099	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	575058	42.221	ng		99
62) 4-Nitroaniline	10.53	138	248971	29.818	ng		98
63) Azobenzene	10.68	77	1147318	39.225	ng		98
65) 4,6-Dinitro-2-methylphenol	10.56	198	101980	34.275	ng		89
66) n-Nitrosodiphenylamine	10.63	169	1011088	45.943	ng		99
67) 4-Bromophenyl-phenylether	11.01	248	348823	42.865	ng		98
68) Hexachlorobenzene	11.07	284	393917	41.903	ng	#	92
69) Atrazine	11.16	200	264760	36.508	ng		98
70) Pentachlorophenol	11.27	266	430346	81.889	ng		98
71) Phenanthrene	11.49	178	1595478	44.672	ng		99
72) Anthracene	11.54	178	1603258	45.120	ng		98
73) Carbazole	11.70	167	1401650	43.151	ng		99
74) Di-n-butylphthalate	12.03	149	1702987	43.116	ng		98
75) Fluoranthene	12.69	202	1614847	44.280	ng		98
77) Benzidine	12.80	184	136009	6.319	ng		97
78) Pyrene	12.92	202	1654974	36.621	ng		98
80) Butylbenzylphthalate	13.53	149	723793	34.674	ng		97
81) Benzo(a)anthracene	14.11	228	1652833	42.892	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	435493	30.259	ng		97
83) Chrysene	14.14	228	1596819	41.961	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	977118	36.288	ng		98
85) Di-n-octyl phthalate	14.72	149	1823667	43.040	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1508583	42.592	ng		99
88) Benzo(b)fluoranthene	15.18	252	1849373	40.906	ng		99
89) Benzo(k)fluoranthene	15.22	252	1712301	42.465	ng		98
90) Benzo(a)pyrene	15.57	252	1566700	39.975	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1288689	36.663	ng		97
92) Benzo(g,h,i)perylene	17.63	276	1186706	34.837	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117772.D
Acq On : 12 Nov 2019 20:58
Operator : JU
Sample : K5746-07MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 13 12:18:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Manual Integrations APPROVED
mohammad
11/13/2019 6:48:41 PM