Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117806.D
Acq On : 15 Nov 2019 16:47
Operator : JU
Sample : K5861-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-6MS

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:04 PM

Quant Time: Nov 18 02:38:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	238777	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	941446	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	496785	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	953007	20.00	ng		0.00
76) Chrysene-d12	14.12	240	655599	20.00	ng		0.00
87) Perylene-d12	15.62	264	671438	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1131676	83.89	ng		0.00
7) Phenol-d6	6.54	99	1450004	89.12	ng		0.00
23) Nitrobenzene-d5	7.48	82	899360	56.79	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	443907	84.40	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	1763856	63.70	ng		0.00
79) Terphenyl-d14	13.05	244	2024152	56.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	205542	32.598	ng		99
3) Pyridine	3.50	79	519009	31.379	ng		98
4) n-Nitrosodimethylamine	3.45	42	270385	37.448	ng		98
6) Aniline	6.58	93	522145	24.285	ng		99
8) 2-Chlorophenol	6.70	128	587029	40.105	ng		99
9) Benzaldehyde	6.46	77	298561	25.274	ng		98
10) Phenol	6.55	94	728477	43.087	ng		100
11) bis(2-Chloroethyl)ether	6.65	93	524606	38.639	ng		99
12) 1,3-Dichlorobenzene	6.86	146	642558	37.288	ng		99
13) 1,4-Dichlorobenzene	6.94	146	654131	37.554	ng		99
14) 1,2-Dichlorobenzene	7.09	146	622501	37.368	ng		99
15) Benzyl Alcohol	7.06	79	502683	40.018	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	757057	36.216	ng		100
17) 2-Methylphenol	7.16	107	490642	39.582	ng		98
18) Hexachloroethane	7.44	117	235239	36.763	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	382593	38.116	ng		98
20) 3+4-Methylphenols	7.32	107	605029	39.321	ng		96
22) Acetophenone	7.33	105	781944	36.969	ng	#	98
24) Nitrobenzene	7.50	77	622969	38.130	ng		97
25) Isophorone	7.74	82	1088076	37.485	ng		97
26) 2-Nitrophenol	7.82	139	327071	41.130	ng		94
27) 2,4-Dimethylphenol	7.85	122	532635	43.105	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	645636	35.051	ng		99
29) 2,4-Dichlorophenol	8.06	162	509119	37.984	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	554135	35.642	ng		100
31) Naphthalene	8.23	128	1715047	39.077	ng		99
32) Benzoic acid	7.96	122	366448	35.418	ng		98
33) 4-Chloroaniline	8.27	127	260791	13.273	ng		99
34) Hexachlorobutadiene	8.35	225	311384	34.256	ng		99
35) Caprolactam	8.63	113	170312m	39.981	ng		
36) 4-Chloro-3-methylphenol	8.75	107	520725	38.281	ng		98
37) 2-Methylnaphthalene	8.92	142	1165697	39.309	ng		99
38) 1-Methylnaphthalene	9.02	142	1089141	38.849	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	510798	35.405	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117806.D
Acq On : 15 Nov 2019 16:47
Operator : JU
Sample : K5861-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-6MS

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:04 PM

Quant Time: Nov 18 02:38:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	657024	81.265	ng		97
43) 2,4,6-Trichlorophenol	9.20	196	384574	37.216	ng		98
44) 2,4,5-Trichlorophenol	9.24	196	405928	37.834	ng		96
46) 1,1'-Biphenyl	9.39	154	1401142	38.016	ng		99
47) 2-Chloronaphthalene	9.42	162	1093567	36.067	ng		99
48) 2-Nitroaniline	9.50	65	331237	36.185	ng		98
49) Acenaphthylene	9.83	152	1734414	39.235	ng		99
50) Dimethylphthalate	9.69	163	1413710	40.581	ng		100
51) 2,6-Dinitrotoluene	9.75	165	296391	38.929	ng		97
52) Acenaphthene	10.00	154	1143544	40.382	ng		99
53) 3-Nitroaniline	9.92	138	205809	22.591	ng		98
54) 2,4-Dinitrophenol	10.02	184	265139	68.879	ng	#	89
55) Dibenzofuran	10.18	168	1504466	38.366	ng		97
56) 4-Nitrophenol	10.07	139	534997	78.673	ng		95
57) 2,4-Dinitrotoluene	10.15	165	390086	40.277	ng		100
58) Fluorene	10.52	166	1146971	37.745	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	334397	37.932	ng		100
60) Diethylphthalate	10.39	149	1240212	36.516	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	572626	37.132	ng		98
62) 4-Nitroaniline	10.53	138	296061	32.456	ng		99
63) Azobenzene	10.67	77	1162970	37.638	ng		96
65) 4,6-Dinitro-2-methylphenol	10.56	198	189901	42.684	ng		97
66) n-Nitrosodiphenylamine	10.63	169	1045246	37.686	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	363526	35.353	ng		96
68) Hexachlorobenzene	11.07	284	424787	35.428	ng		100
69) Atrazine	11.16	200	352352	38.620	ng		98
70) Pentachlorophenol	11.26	266	491347	70.141	ng		100
71) Phenanthrene	11.49	178	1765215	36.841	ng		100
72) Anthracene	11.54	178	1831426	38.552	ng		100
73) Carbazole	11.69	167	1608339	38.743	ng		100
74) Di-n-butylphthalate	12.02	149	1900482	36.769	ng		100
75) Fluoranthene	12.68	202	1824914	41.188	ng		99
77) Benzidine	12.80	184	893662	41.615	ng		100
78) Pyrene	12.91	202	1857064	35.051	ng		99
80) Butylbenzylphthalate	13.53	149	812116	35.688	ng		96
81) Benzo(a)anthracene	14.10	228	1568563	36.206	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	469012	30.950	ng		98
83) Chrysene	14.14	228	1517958	36.159	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1067146	38.681	ng		98
85) Di-n-octyl phthalate	14.71	149	1732539	42.747	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1645152	46.045	ng		99
88) Benzo(b)fluoranthene	15.17	252	1573113	36.061	ng		99
89) Benzo(k)fluoranthene	15.20	252	1359576	33.077	ng		98
90) Benzo(a)pyrene	15.56	252	1337236	34.860	ng		99
91) Dibenzo(a,h)anthracene	17.17	278	1365755	41.365	ng		99
92) Benzo(g,h,i)perylene	17.62	276	1393453	42.372	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117806.D
Acq On : 15 Nov 2019 16:47
Operator : JU
Sample : K5861-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 18 02:38:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:04 PM