Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114646.D
Acq On : 29 May 2019 21:23
Operator : HP/JU
Sample : K3068-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)MSD

Manual Integrations APPROVED
mohammad
5/30/2019 12:47:58 PM

Quant Time: May 30 04:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	334038	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1314876	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	664937	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1349850	20.00	ng		0.00
76) Chrysene-d12	13.82	240	834199	20.00	ng		0.00
87) Perylene-d12	15.20	264	921087	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2368787	124.50	ng		0.01
7) Phenol-d6	6.33	99	3027231	132.04	ng		0.00
23) Nitrobenzene-d5	7.26	82	1878558	89.14	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	879478	138.81	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	3187727	91.23	ng		0.00
79) Terphenyl-d14	12.78	244	3731138	84.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	326815	35.795	ng		100
3) Pyridine	3.06	79	914137	34.403	ng		99
4) n-Nitrosodimethylamine	2.99	42	446870	41.558	ng		99
6) Aniline	6.36	93	674441	19.475	ng		98
8) 2-Chlorophenol	6.48	128	986882	44.915	ng		98
9) Benzaldehyde	6.23	77	429915	31.166	ng		99
10) Phenol	6.35	94	1174450	42.405	ng		99
11) bis(2-Chloroethyl)ether	6.43	93	919560	43.407	ng		99
12) 1,3-Dichlorobenzene	6.63	146	1033145	41.271	ng		96
13) 1,4-Dichlorobenzene	6.71	146	1040133	41.418	ng		98
14) 1,2-Dichlorobenzene	6.87	146	968377	42.355	ng		99
15) Benzyl Alcohol	6.84	79	831459	46.105	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1370826	42.189	ng		100
17) 2-Methylphenol	6.96	107	831523	44.744	ng		99
18) Hexachloroethane	7.21	117	386251	40.623	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	685030	43.287	ng		99
20) 3+4-Methylphenols	7.11	107	927943	42.455	ng		88
22) Acetophenone	7.10	105	1266693	45.213	ng	#	98
24) Nitrobenzene	7.27	77	1013188	45.257	ng		97
25) Isophorone	7.52	82	1915811	45.296	ng		99
26) 2-Nitrophenol	7.59	139	526397	48.304	ng		100
27) 2,4-Dimethylphenol	7.64	122	920741	50.803	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	1192477	44.290	ng		99
29) 2,4-Dichlorophenol	7.83	162	861670	46.709	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	921639	43.851	ng		99
31) Naphthalene	8.00	128	2669305	44.073	ng		100
32) Benzoic acid	7.73	122	192988	16.394	ng		97
33) 4-Chloroaniline	8.04	127	251277	8.708	ng		99
34) Hexachlorobutadiene	8.13	225	495867	42.470	ng		99
35) Caprolactam	8.42	113	299179m	48.057	ng		
36) 4-Chloro-3-methylphenol	8.53	107	905767	48.960	ng		97
37) 2-Methylnaphthalene	8.69	142	1903023	47.291	ng		99
38) 1-Methylnaphthalene	8.79	142	1802224	47.269	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	769415	43.451	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114646.D
Acq On : 29 May 2019 21:23
Operator : HP/JU
Sample : K3068-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)MSD

Manual Integrations APPROVED
mohammad
5/30/2019 12:47:58 PM

Quant Time: May 30 04:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	862596	73.716	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	648899	46.572	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	675830	48.607	ng		98
46) 1,1'-Biphenyl	9.15	154	2207419	44.722	ng		100
47) 2-Chloronaphthalene	9.17	162	1792505	44.272	ng		100
48) 2-Nitroaniline	9.26	65	560840	44.886	ng		99
49) Acenaphthylene	9.59	152	2775017	44.365	ng		99
50) Dimethylphthalate	9.46	163	2669614	57.617	ng		98
51) 2,6-Dinitrotoluene	9.51	165	518340	48.145	ng		97
52) Acenaphthene	9.76	154	1823953	47.547	ng		100
53) 3-Nitroaniline	9.67	138	275610	20.916	ng		99
54) 2,4-Dinitrophenol	9.77	184	331138	77.976	ng	#	89
55) Dibenzofuran	9.93	168	2494240	45.678	ng		99
56) 4-Nitrophenol	9.84	139	937331	95.991	ng		92
57) 2,4-Dinitrotoluene	9.91	165	693307	50.176	ng		96
58) Fluorene	10.27	166	1692202	47.578	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	579460	50.916	ng		99
60) Diethylphthalate	10.16	149	2227751	47.076	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	844875	46.922	ng		100
62) 4-Nitroaniline	10.29	138	551660	42.964	ng		98
63) Azobenzene	10.42	77	2027734	46.671	ng		100
65) 4,6-Dinitro-2-methylphenol	10.32	198	290198	48.484	ng		82
66) n-Nitrosodiphenylamine	10.38	169	1822215	45.691	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	626044	43.249	ng		99
68) Hexachlorobenzene	10.82	284	674110	42.996	ng		97
69) Atrazine	10.91	200	586245	48.199	ng		99
70) Pentachlorophenol	11.00	266	773907	85.629	ng		98
71) Phenanthrene	11.22	178	2821803	40.980	ng		99
72) Anthracene	11.27	178	2911430	41.776	ng		99
73) Carbazole	11.42	167	2727651	44.534	ng		99
74) Di-n-butylphthalate	11.77	149	3358253	45.547	ng		100
75) Fluoranthene	12.40	202	3011990	42.244	ng		99
77) Benzidine	12.52	184	1148570	33.436	ng		98
78) Pyrene	12.63	202	3048758	43.204	ng		99
80) Butylbenzylphthalate	13.26	149	1628284	45.913	ng		98
81) Benzo(a)anthracene	13.81	228	2739347	42.732	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	453705	18.327	ng		98
83) Chrysene	13.84	228	2605139	42.535	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	2082555	47.499	ng	#	99
85) Di-n-octyl phthalate	14.43	149	3533943	46.391	ng		99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2579518	42.051	ng		100
88) Benzo(b)fluoranthene	14.82	252	2812865	48.486	ng		99
89) Benzo(k)fluoranthene	14.84	252	2118850	42.021	ng		99
90) Benzo(a)pyrene	15.15	252	2332577	45.769	ng		97
91) Dibenzo(a,h)anthracene	16.55	278	2134664	47.400	ng		99
92) Benzo(g,h,i)perylene	16.93	276	2159564	49.407	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114646.D
Acq On : 29 May 2019 21:23
Operator : HP/JU
Sample : K3068-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 30 04:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-4W(3-4)MSD

Manual Integrations APPROVED
mohammad
5/30/2019 12:47:58 PM