Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115223.D
Acq On : 26 Jun 2019 17:04
Operator : HP/JU
Sample : K3309-08MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Manual Integrations APPROVED
mohammad
6/27/2019 8:32:19 AM

Quant Time: Jun 27 01:34:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	294115	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1138999	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	556646	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1044760	20.00	ng		0.00
76) Chrysene-d12	13.74	240	609966	20.00	ng		-0.01
87) Perylene-d12	15.10	264	651610	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1053114	55.26	ng		0.01
7) Phenol-d6	6.25	99	847419	36.63	ng		0.00
23) Nitrobenzene-d5	7.18	82	1637509	88.44	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	712601	121.40	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2884214	88.01	ng		0.00
79) Terphenyl-d14	12.70	244	2725870	95.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	167655	18.639	ng		99
3) Pyridine	2.91	79	335515	13.234	ng		99
4) n-Nitrosodimethylamine	2.84	42	155272	15.623	ng		100
6) Aniline	6.27	93	459602	14.456	ng	#	88
8) 2-Chlorophenol	6.40	128	684863	31.957	ng		98
9) Benzaldehyde	6.15	77	168200	11.145	ng		97
10) Phenol	6.27	94	348219	12.851	ng		90
11) bis(2-Chloroethyl)ether	6.35	93	770713	38.585	ng		100
12) 1,3-Dichlorobenzene	6.55	146	909069	38.221	ng		99
13) 1,4-Dichlorobenzene	6.63	146	966021	40.503	ng		99
14) 1,2-Dichlorobenzene	6.79	146	861617	39.010	ng		98
15) Benzyl Alcohol	6.76	79	423356	25.133	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1092167	37.699	ng		97
17) 2-Methylphenol	6.88	107	479120	27.085	ng		97
18) Hexachloroethane	7.13	117	329323	38.300	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	563227	38.030	ng		99
20) 3+4-Methylphenols	7.03	107	487930	23.888	ng	#	82
22) Acetophenone	7.02	105	1141331	43.770	ng	#	94
24) Nitrobenzene	7.20	77	858344	42.079	ng		98
25) Isophorone	7.44	82	1557753	41.069	ng		98
26) 2-Nitrophenol	7.51	139	447776	44.450	ng		98
27) 2,4-Dimethylphenol	7.56	122	653549	39.625	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	983791	41.037	ng		100
29) 2,4-Dichlorophenol	7.75	162	666048	39.131	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	800785	42.592	ng		99
31) Naphthalene	7.92	128	2321331	41.519	ng		99
32) Benzoic acid	7.65	122	135947	11.547	ng		97
33) 4-Chloroaniline	7.97	127	382413	14.966	ng		99
34) Hexachlorobutadiene	8.04	225	433299	42.055	ng		98
35) Caprolactam	8.34	113	36582	6.393	ng		91
36) 4-Chloro-3-methylphenol	8.45	107	647334	37.553	ng		99
37) 2-Methylnaphthalene	8.61	142	1615742	42.860	ng		99
38) 1-Methylnaphthalene	8.71	142	1588143	44.110	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	728513	46.314	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115223.D
Acq On : 26 Jun 2019 17:04
Operator : HP/JU
Sample : K3309-08MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Manual Integrations APPROVED
mohammad
6/27/2019 8:32:19 AM

Quant Time: Jun 27 01:34:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	342156	36.684	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	500459	41.210	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	535066	42.785	ng	99
46) 1,1'-Biphenyl	9.07	154	1871108	42.010	ng	98
47) 2-Chloronaphthalene	9.10	162	1524775	42.204	ng	99
48) 2-Nitroaniline	9.19	65	462192	43.881	ng	87
49) Acenaphthylene	9.51	152	2311408	41.063	ng	99
50) Dimethylphthalate	9.38	163	1769709	43.212	ng	100
51) 2,6-Dinitrotoluene	9.43	165	425940	45.050	ng	99
52) Acenaphthene	9.68	154	1698834	48.231	ng	99
53) 3-Nitroaniline	9.59	138	232260	20.130	ng	97
54) 2,4-Dinitrophenol	9.70	184	201632	44.983	ng	94
55) Dibenzofuran	9.85	168	2026286	40.081	ng	98
56) 4-Nitrophenol	9.76	139	279186	30.182	ng	95
57) 2,4-Dinitrotoluene	9.83	165	558640	45.759	ng	94
58) Fluorene	10.19	166	1559864	46.574	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	456500	43.532	ng	99
60) Diethylphthalate	10.08	149	1765506	42.887	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	684565	42.406	ng	96
62) 4-Nitroaniline	10.21	138	411674	35.566	ng	100
63) Azobenzene	10.34	77	1574794	40.956	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	141826	27.836	ng	92
66) n-Nitrosodiphenylamine	10.30	169	1443562	44.350	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	497955	43.961	ng	94
68) Hexachlorobenzene	10.74	284	536702	43.652	ng	98
69) Atrazine	10.84	200	464188	44.333	ng	99
70) Pentachlorophenol	10.92	266	604259	77.144	ng	97
71) Phenanthrene	11.14	178	2315197	41.158	ng	99
72) Anthracene	11.19	178	2329151	41.019	ng	98
73) Carbazole	11.35	167	2059777	40.623	ng	99
74) Di-n-butylphthalate	11.70	149	2506615	42.781	ng	99
75) Fluoranthene	12.32	202	2131120	37.971	ng	98
77) Benzidine	12.44	184	194673m	7.188	ng	
78) Pyrene	12.54	202	2112505	45.066	ng	99
80) Butylbenzylphthalate	13.18	149	1018056	49.212	ng	94
81) Benzo(a)anthracene	13.72	228	1843561	42.122	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	509168	32.216	ng	98
83) Chrysene	13.76	228	1757612	43.840	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1355179	49.995	ng	100
85) Di-n-octyl phthalate	14.35	149	2215119	48.637	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	1567589	33.043	ng	99
88) Benzo(b)fluoranthene	14.73	252	1810761	44.536	ng	99
89) Benzo(k)fluoranthene	14.76	252	1749065	47.970	ng	98
90) Benzo(a)pyrene	15.05	252	1667252	45.496	ng	97
91) Dibenzo(a,h)anthracene	16.39	278	1320595	38.601	ng	98
92) Benzo(g,h,i)perylene	16.76	276	1236357	35.706	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115223.D
Acq On : 26 Jun 2019 17:04
Operator : HP/JU
Sample : K3309-08MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 27 01:34:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611MS

Manual Integrations APPROVED
mohammad
6/27/2019 8:32:19 AM