Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115796.D
Acq On : 26 Jul 2019 19:37
Operator : HP/JU
Sample : K3614-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-072419MSD

Manual Integrations APPROVED
mohammad
7/29/2019 5:29:04 PM

Quant Time: Jul 27 00:22:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141501	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	549465	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	302786	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	540558	20.00	ng		0.00
76) Chrysene-d12	14.03	240	381550	20.00	ng		0.00
87) Perylene-d12	15.50	264	379594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1025302	118.52	ng		0.02
7) Phenol-d6	6.51	99	1255013	114.33	ng		0.00
23) Nitrobenzene-d5	7.43	82	950603	100.60	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	426809	120.76	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1672386	96.67	ng		0.00
79) Terphenyl-d14	12.98	244	1908494	92.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	161016	37.314	ng	#	86
3) Pyridine	3.55	79	370443	31.642	ng		100
4) n-Nitrosodimethylamine	3.47	42	195918	46.129	ng		99
6) Aniline	6.54	93	113084	7.403	ng	#	80
8) 2-Chlorophenol	6.66	128	432256	43.460	ng		95
9) Benzaldehyde	6.42	77	272576	39.737	ng		100
10) Phenol	6.52	94	457279	35.886	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	429235	44.244	ng		97
12) 1,3-Dichlorobenzene	6.82	146	435729	38.965	ng		99
13) 1,4-Dichlorobenzene	6.89	146	447650	40.122	ng		99
14) 1,2-Dichlorobenzene	7.05	146	416475	40.834	ng		99
15) Benzyl Alcohol	7.02	79	376371	43.223	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	567612	44.440	ng		94
17) 2-Methylphenol	7.13	107	373821	43.613	ng		98
18) Hexachloroethane	7.39	117	158058	38.167	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	311059	43.451	ng		99
20) 3+4-Methylphenols	7.28	107	430436	42.278	ng	#	82
22) Acetophenone	7.28	105	609695	49.117	ng		97
24) Nitrobenzene	7.45	77	495781	48.643	ng		95
25) Isophorone	7.69	82	905494	47.887	ng		100
26) 2-Nitrophenol	7.77	139	241477	46.030	ng		99
27) 2,4-Dimethylphenol	7.80	122	400449	51.016	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	557734	48.080	ng		99
29) 2,4-Dichlorophenol	8.01	162	397026	48.635	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	408421	44.260	ng		99
31) Naphthalene	8.17	128	1280344	48.114	ng		99
32) Benzoic acid	7.93	122	173497	26.933	ng		98
33) 4-Chloroaniline	8.22	127	79891	6.778	ng		99
34) Hexachlorobutadiene	8.29	225	227670	43.024	ng		97
35) Caprolactam	8.59	113	90245m	35.775	ng		
36) 4-Chloro-3-methylphenol	8.71	107	415013	49.010	ng		99
37) 2-Methylnaphthalene	8.86	142	880339	49.907	ng		99
38) 1-Methylnaphthalene	8.96	142	828849	49.470	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	396367	43.471	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115796.D
Acq On : 26 Jul 2019 19:37
Operator : HP/JU
Sample : K3614-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MSD

Manual Integrations APPROVED
mohammad
7/29/2019 5:29:04 PM

Quant Time: Jul 27 00:22:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	271217	52.145	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	274564	41.177	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	297933	43.630	ng		95
46) 1,1'-Biphenyl	9.33	154	1078634	45.567	ng		99
47) 2-Chloronaphthalene	9.36	162	853656	43.310	ng		99
48) 2-Nitroaniline	9.45	65	270315	44.310	ng		99
49) Acenaphthylene	9.77	152	1300595	44.532	ng		100
50) Dimethylphthalate	9.63	163	1033377	45.362	ng		99
51) 2,6-Dinitrotoluene	9.69	165	225058	43.472	ng		95
52) Acenaphthene	9.95	154	791656	41.985	ng		99
53) 3-Nitroaniline	9.86	138	38174	6.453	ng		99
54) 2,4-Dinitrophenol	9.97	184	109487	41.192	ng		98
55) Dibenzofuran	10.12	168	1173150	43.811	ng		99
56) 4-Nitrophenol	10.03	139	333675	73.963	ng		94
57) 2,4-Dinitrotoluene	10.10	165	299731	44.688	ng		98
58) Fluorene	10.46	166	893016	46.651	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	247781	43.407	ng		99
60) Diethylphthalate	10.33	149	989776	46.371	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	449903	42.381	ng		99
62) 4-Nitroaniline	10.47	138	219996	38.767	ng		99
63) Azobenzene	10.61	77	1002995	48.446	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	102327	30.984	ng		98
66) n-Nitrosodiphenylamine	10.57	169	815030	48.471	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	285625	46.238	ng		99
68) Hexachlorobenzene	11.01	284	316708	44.895	ng	#	90
69) Atrazine	11.09	200	265573	48.144	ng		99
70) Pentachlorophenol	11.20	266	314264	72.836	ng		99
71) Phenanthrene	11.42	178	1329877	47.995	ng		100
72) Anthracene	11.47	178	1392183	48.617	ng		100
73) Carbazole	11.62	167	1248562	49.721	ng		99
74) Di-n-butylphthalate	11.95	149	1579941	51.079	ng		100
75) Fluoranthene	12.61	202	1401007	47.848	ng		100
77) Benzidine	12.72	184	352021	26.044	ng		98
78) Pyrene	12.83	202	1420865	43.954	ng		100
80) Butylbenzylphthalate	13.45	149	688405	49.955	ng		99
81) Benzo(a)anthracene	14.02	228	1147341	45.644	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	173108	19.372	ng		99
83) Chrysene	14.06	228	1133808	44.932	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	980870	57.463	ng		100
85) Di-n-octyl phthalate	14.62	149	1607667	59.194	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1155852	53.916	ng		100
88) Benzo(b)fluoranthene	15.07	252	1018545	41.671	ng		99
89) Benzo(k)fluoranthene	15.10	252	1015730	46.610	ng		99
90) Benzo(a)pyrene	15.44	252	971174	46.228	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	976874	52.966	ng		98
92) Benzo(g,h,i)perylene	17.43	276	938472	51.021	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115796.D
Acq On : 26 Jul 2019 19:37
Operator : HP/JU
Sample : K3614-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 27 00:22:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BU-03-072419MSD

Manual Integrations APPROVED
mohammad
7/29/2019 5:29:04 PM