Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115599.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3620-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-071219-AMSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:16 PM

Quant Time: Jul 17 04:36:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	151266	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	585602	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	285902	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	553162	20.00	ng	0.00
76) Chrysene-d12	14.05	240	327210	20.00	ng	0.00
87) Perylene-d12	15.51	264	397019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1190859	128.77	ng	0.02
7) Phenol-d6	6.52	99	1396767	119.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	902671	89.63	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	434128	130.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1639015	100.34	ng	0.00
79) Terphenyl-d14	12.99	244	1679515	94.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.85	88	185690	40.254	ng	# 86
3) Pyridine	3.55	79	398444	31.836	ng	98
4) n-Nitrosodimethylamine	3.49	42	198262	43.667	ng	97
6) Aniline	6.55	93	172297	10.551	ng	95
8) 2-Chlorophenol	6.67	128	480908	45.231	ng	97
9) Benzaldehyde	6.43	77	230479	31.431	ng	99
10) Phenol	6.53	94	501908	36.846	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	470107	45.329	ng	99
12) 1,3-Dichlorobenzene	6.83	146	504332	42.189	ng	99
13) 1,4-Dichlorobenzene	6.90	146	478618	40.128	ng	97
14) 1,2-Dichlorobenzene	7.06	146	427659	39.224	ng	97
15) Benzyl Alcohol	7.02	79	364582	39.166	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	514254	37.664	ng	99
17) 2-Methylphenol	7.13	107	347926	37.972	ng	99
18) Hexachloroethane	7.40	117	163571	36.948	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	290049	37.900	ng	98
20) 3+4-Methylphenols	7.29	107	400837	36.829	ng	# 88
22) Acetophenone	7.29	105	576554	43.581	ng	# 93
24) Nitrobenzene	7.46	77	456626	42.037	ng	97
25) Isophorone	7.70	82	830780	41.225	ng	100
26) 2-Nitrophenol	7.78	139	232725	41.624	ng	96
27) 2,4-Dimethylphenol	7.82	122	365040	43.635	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	511983	41.412	ng	98
29) 2,4-Dichlorophenol	8.02	162	368799	42.389	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	409559	41.645	ng	99
31) Naphthalene	8.19	128	1225639	43.216	ng	97
32) Benzoic acid	7.93	122	213819	31.144	ng	99
33) 4-Chloroaniline	8.23	127	77033	6.132	ng	96
34) Hexachlorobutadiene	8.31	225	229424	40.680	ng	99
35) Caprolactam	8.60	113	96070m	35.734	ng	
36) 4-Chloro-3-methylphenol	8.72	107	396280	43.910	ng	99
37) 2-Methylnaphthalene	8.88	142	837738	44.562	ng	97
38) 1-Methylnaphthalene	8.98	142	788202	44.141	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	387679	45.029	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115599.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3620-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:16 PM

Quant Time: Jul 17 04:36:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	275936	56.185	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	270745	43.002	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	293041	45.448	ng		100
46) 1,1'-Biphenyl	9.35	154	1021993	45.724	ng		98
47) 2-Chloronaphthalene	9.37	162	810031	43.524	ng		97
48) 2-Nitroaniline	9.46	65	248738	43.181	ng		99
49) Acenaphthylene	9.79	152	1237944	44.890	ng		97
50) Dimethylphthalate	9.65	163	979802	45.550	ng		98
51) 2,6-Dinitrotoluene	9.70	165	224294	45.883	ng		98
52) Acenaphthene	9.96	154	809710	45.479	ng		99
53) 3-Nitroaniline	9.86	138	81787	14.641	ng		98
54) 2,4-Dinitrophenol	9.97	184	130784	52.110	ng		97
55) Dibenzofuran	10.13	168	1118710	44.246	ng		100
56) 4-Nitrophenol	10.03	139	337649	79.264	ng		97
57) 2,4-Dinitrotoluene	10.10	165	298477	47.129	ng		99
58) Fluorene	10.47	166	830138	45.927	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	245214	45.494	ng		98
60) Diethylphthalate	10.35	149	936050	46.444	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	427630	42.662	ng		100
62) 4-Nitroaniline	10.48	138	213271	39.801	ng		99
63) Azobenzene	10.62	77	887494	45.399	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	101066	29.904	ng		91
66) n-Nitrosodiphenylamine	10.58	169	779535	45.304	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	276244	43.700	ng		97
68) Hexachlorobenzene	11.02	284	302604	41.918	ng	#	92
69) Atrazine	11.10	200	258425	45.781	ng		98
70) Pentachlorophenol	11.22	266	328999	74.514	ng		98
71) Phenanthrene	11.43	178	1250333	44.096	ng		97
72) Anthracene	11.49	178	1283665	43.806	ng		99
73) Carbazole	11.63	167	1133568	44.113	ng		100
74) Di-n-butylphthalate	11.97	149	1465882	46.311	ng		100
75) Fluoranthene	12.62	202	1210332	40.394	ng		99
77) Benzidine	12.73	184	169141	14.592	ng	#	92
78) Pyrene	12.85	202	1193312	43.045	ng		97
80) Butylbenzylphthalate	13.46	149	531631	44.985	ng		98
81) Benzo(a)anthracene	14.03	228	927634	43.032	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	206670	26.969	ng		99
83) Chrysene	14.07	228	958135	44.276	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	709254	48.451	ng	#	98
85) Di-n-octyl phthalate	14.63	149	1165638	50.046	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1062616	57.798	ng		99
88) Benzo(b)fluoranthene	15.09	252	1035841	40.518	ng		99
89) Benzo(k)fluoranthene	15.12	252	1002110	43.967	ng		98
90) Benzo(a)pyrene	15.46	252	989216	45.020	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	896785	46.490	ng		99
92) Benzo(g,h,i)perylene	17.44	276	847440	44.050	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115599.D
Acq On : 16 Jul 2019 16:09
Operator : HP/JU
Sample : K3620-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 04:36:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:16 PM