Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118443.D
Acq On : 2 Jan 2020 18:51
Operator : JU
Sample : K6114-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-O1-122719MSD

Manual Integrations APPROVED
mohammad
1/3/2020 11:04:20 AM

Quant Time: Jan 03 03:20:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129038	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	513245	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	274194	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	497952	20.00	ng		0.00
76) Chrysene-d12	14.04	240	317982	20.00	ng		0.00
87) Perylene-d12	15.53	264	311589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	885930	117.20	ng		0.02
7) Phenol-d6	6.49	99	1040163	110.92	ng		0.00
23) Nitrobenzene-d5	7.42	82	743771	82.88	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	420158	124.08	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1525750	84.94	ng		0.00
79) Terphenyl-d14	12.98	244	1742764	90.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	113009	37.606	ng	#	84
3) Pyridine	3.48	79	230065	28.735	ng		98
4) n-Nitrosodimethylamine	3.40	42	136132	41.124	ng		98
6) Aniline	6.52	93	142148	11.937	ng	#	63
8) 2-Chlorophenol	6.64	128	369138	43.116	ng		97
9) Benzaldehyde	6.40	77	157145	28.582	ng		96
10) Phenol	6.50	94	366872	34.807	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	336592	44.653	ng		97
12) 1,3-Dichlorobenzene	6.79	146	353963	35.898	ng		100
13) 1,4-Dichlorobenzene	6.86	146	366587	36.603	ng		99
14) 1,2-Dichlorobenzene	7.02	146	351852	37.211	ng		99
15) Benzyl Alcohol	7.00	79	308977	43.274	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	331259	41.183	ng		60
17) 2-Methylphenol	7.11	107	292015	42.525	ng		95
18) Hexachloroethane	7.36	117	123750	33.667	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	242470	41.972	ng		96
20) 3+4-Methylphenols	7.27	107	374772	42.643	ng	#	80
22) Acetophenone	7.26	105	519420	41.292	ng		99
24) Nitrobenzene	7.43	77	371828	41.364	ng		100
25) Isophorone	7.67	82	669948	42.838	ng		99
26) 2-Nitrophenol	7.75	139	206186	43.305	ng		98
27) 2,4-Dimethylphenol	7.79	122	326713	50.293	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	424185	41.473	ng		99
29) 2,4-Dichlorophenol	8.00	162	320821	42.907	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	339175	38.941	ng		98
31) Naphthalene	8.16	128	1090559	41.806	ng		100
32) Benzoic acid	7.95	122	184222	35.288	ng		98
33) 4-Chloroaniline	8.22	127	76733	6.862	ng		96
34) Hexachlorobutadiene	8.27	225	186797	36.028	ng		99
35) Caprolactam	8.59	113	87440m	37.458	ng		
36) 4-Chloro-3-methylphenol	8.71	107	348642	43.429	ng		98
37) 2-Methylnaphthalene	8.85	142	772016	43.225	ng		100
38) 1-Methylnaphthalene	8.95	142	726406	43.169	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	339926	41.261	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118443.D
Acq On : 2 Jan 2020 18:51
Operator : JU
Sample : K6114-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Manual Integrations APPROVED
mohammad
1/3/2020 11:04:20 AM

Quant Time: Jan 03 03:20:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	114766	38.383	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	232503	42.244	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	252553	44.607	ng		98
46) 1,1'-Biphenyl	9.32	154	925367	42.669	ng		99
47) 2-Chloronaphthalene	9.35	162	716629	41.057	ng		98
48) 2-Nitroaniline	9.45	65	205177	41.617	ng		98
49) Acenaphthylene	9.76	152	1132255	43.738	ng		99
50) Dimethylphthalate	9.62	163	884021	42.951	ng		99
51) 2,6-Dinitrotoluene	9.69	165	195358	44.026	ng		100
52) Acenaphthene	9.93	154	666609	42.276	ng		99
53) 3-Nitroaniline	9.86	138	110198	21.159	ng		89
54) 2,4-Dinitrophenol	9.98	184	76690	37.240	ng		96
55) Dibenzofuran	10.10	168	1005848	43.172	ng		96
56) 4-Nitrophenol	10.04	139	236270	73.486	ng		96
57) 2,4-Dinitrotoluene	10.10	165	258131	43.535	ng	#	83
58) Fluorene	10.45	166	811564	43.150	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	202099	42.011	ng		99
60) Diethylphthalate	10.32	149	893938	43.903	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	402030	42.820	ng		96
62) 4-Nitroaniline	10.48	138	194174	35.889	ng		98
63) Azobenzene	10.60	77	748000	42.887	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	65827	24.505	ng		98
66) n-Nitrosodiphenylamine	10.56	169	726199	45.503	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	251994	43.242	ng		94
68) Hexachlorobenzene	11.00	284	290033	42.282	ng		97
69) Atrazine	11.09	200	239449	48.614	ng		97
70) Pentachlorophenol	11.20	266	229332	77.198	ng		98
71) Phenanthrene	11.42	178	1183366	43.593	ng		99
72) Anthracene	11.47	178	1217672	44.815	ng		99
73) Carbazole	11.63	167	1048847	43.502	ng		99
74) Di-n-butylphthalate	11.94	149	1413245	46.229	ng		100
75) Fluoranthene	12.62	202	1131984	41.319	ng		99
77) Benzidine	12.73	184	55980	6.425	ng		96
78) Pyrene	12.84	202	1120360	43.146	ng		100
80) Butylbenzylphthalate	13.45	149	541093	46.280	ng		98
81) Benzo(a)anthracene	14.04	228	977424	43.914	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	234406	31.061	ng		99
83) Chrysene	14.07	228	911787	42.782	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	781875	50.858	ng		100
85) Di-n-octyl phthalate	14.62	149	1224664	54.154	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	840545	46.287	ng		99
88) Benzo(b)fluoranthene	15.10	252	873819	42.248	ng		99
89) Benzo(k)fluoranthene	15.13	252	897912	45.213	ng		98
90) Benzo(a)pyrene	15.47	252	776935	42.641	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	726561	45.952	ng		97
92) Benzo(g,h,i)perylene	17.50	276	675445	44.223	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118443.D
Acq On : 2 Jan 2020 18:51
Operator : JU
Sample : K6114-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 03 03:20:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Manual Integrations APPROVED
mohammad
1/3/2020 11:04:20 AM