Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119608.D
Acq On : 28 Mar 2020 10:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:26 AM

Quant Time: Mar 30 05:05:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	285979	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1053760	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	632082	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1059349	20.00	ng		0.00
76) Chrysene-d12	14.01	240	734739	20.00	ng		0.00
87) Perylene-d12	15.47	264	625397	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1449990	80.71	ng		0.00
7) Phenol-d6	6.46	99	1797578	78.33	ng		0.00
23) Nitrobenzene-d5	7.40	82	1577882	81.38	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	517157	79.31	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3133069	73.43	ng		0.00
79) Terphenyl-d14	12.96	244	3094820	82.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	326004	36.743	ng		99
3) Pyridine	3.29	79	945172	38.668	ng		97
4) n-Nitrosodimethylamine	3.25	42	437446	36.698	ng		97
6) Aniline	6.50	93	1192148	37.640	ng		98
8) 2-Chlorophenol	6.62	128	783664	41.534	ng		98
9) Benzaldehyde	6.38	77	558556	38.368	ng		96
10) Phenol	6.47	94	1019728	41.644	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	810583	41.390	ng		96
12) 1,3-Dichlorobenzene	6.77	146	817777	40.046	ng		98
13) 1,4-Dichlorobenzene	6.85	146	848031	41.517	ng		99
14) 1,2-Dichlorobenzene	7.00	146	793615	41.568	ng		99
15) Benzyl Alcohol	6.97	79	704408	40.806	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1510045	38.227	ng		99
17) 2-Methylphenol	7.08	107	708711	40.996	ng		98
18) Hexachloroethane	7.35	117	299435	40.002	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	536506	38.787	ng		99
20) 3+4-Methylphenols	7.24	107	812349	38.343	ng		89
22) Acetophenone	7.25	105	953219	37.857	ng	#	95
24) Nitrobenzene	7.42	77	811926	39.184	ng		99
25) Isophorone	7.66	82	1508416	38.351	ng		99
26) 2-Nitrophenol	7.73	139	412765	50.592	ng		92
27) 2,4-Dimethylphenol	7.77	122	597910	35.442	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	926270	39.826	ng		99
29) 2,4-Dichlorophenol	7.97	162	629670	40.622	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	699675	40.815	ng		98
31) Naphthalene	8.14	128	2130488	39.288	ng		100
32) Benzoic acid	7.89	122	505928m	46.622	ng		
33) 4-Chloroaniline	8.19	127	955588	38.457	ng		99
34) Hexachlorobutadiene	8.26	225	401791	41.891	ng		98
35) Caprolactam	8.57	113	206602	40.725	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	728768	43.016	ng		99
37) 2-Methylnaphthalene	8.83	142	1503448	42.245	ng		97
38) 1-Methylnaphthalene	8.93	142	1438737	42.711	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	724965	39.131	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119608.D
Acq On : 28 Mar 2020 10:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:26 AM

Quant Time: Mar 30 05:05:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	335656	31.868	ng		97
43) 2,4,6-Trichlorophenol	9.11	196	490114	36.967	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	571285	38.464	ng		96
46) 1,1'-Biphenyl	9.30	154	1947635	37.833	ng		99
47) 2-Chloronaphthalene	9.32	162	1482142	36.755	ng		100
48) 2-Nitroaniline	9.42	65	554150	39.814	ng		100
49) Acenaphthylene	9.74	152	2296359	36.263	ng		99
50) Dimethylphthalate	9.60	163	1698754	37.837	ng		100
51) 2,6-Dinitrotoluene	9.66	165	376686	39.143	ng		96
52) Acenaphthene	9.92	154	1511725	38.293	ng		99
53) 3-Nitroaniline	9.83	138	444189	36.561	ng		100
54) 2,4-Dinitrophenol	9.93	184	149827	39.983	ng	#	80
55) Dibenzofuran	10.09	168	2107748	37.239	ng		99
56) 4-Nitrophenol	9.98	139	334371	34.887	ng		96
57) 2,4-Dinitrotoluene	10.06	165	514051	42.403	ng		96
58) Fluorene	10.43	166	1633639	39.030	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	426491	38.416	ng		98
60) Diethylphthalate	10.30	149	1703508	37.384	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	836381	40.863	ng		100
62) 4-Nitroaniline	10.45	138	463516	39.785	ng		95
63) Azobenzene	10.58	77	1611285	35.114	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	230489	51.887	ng		81
66) n-Nitrosodiphenylamine	10.54	169	1395594	40.130	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	510578	42.320	ng		99
68) Hexachlorobenzene	10.97	284	536111	43.417	ng		98
69) Atrazine	11.07	200	410077	43.012	ng		98
70) Pentachlorophenol	11.17	266	287450	39.702	ng		99
71) Phenanthrene	11.39	178	2134018	38.850	ng		99
72) Anthracene	11.45	178	2147700	38.470	ng		99
73) Carbazole	11.60	167	2062202	37.319	ng		98
74) Di-n-butylphthalate	11.93	149	2594363	43.889	ng		99
75) Fluoranthene	12.58	202	2259405	38.007	ng		99
77) Benzidine	12.70	184	955344	30.724	ng		99
78) Pyrene	12.81	202	2301526	38.168	ng		99
80) Butylbenzylphthalate	13.43	149	1077732	44.190	ng		96
81) Benzo(a)anthracene	14.00	228	1818621	38.063	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	714037	37.903	ng		98
83) Chrysene	14.03	228	1873250	37.989	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1495588	51.443	ng		99
85) Di-n-octyl phthalate	14.60	149	2340667	45.778	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1652430	35.582	ng		99
88) Benzo(b)fluoranthene	15.04	252	1526669	36.544	ng		99
89) Benzo(k)fluoranthene	15.07	252	1421293	35.729	ng		98
90) Benzo(a)pyrene	15.41	252	1427312	37.595	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	1352745	40.736	ng		99
92) Benzo(g,h,i)perylene	17.37	276	1346371	40.357	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119608.D
Acq On : 28 Mar 2020 10:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Mar 30 05:05:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:26 AM