Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119969.D
Acq On : 14 Apr 2020 23:03
Operator : MA/SJ
Sample : L2229-16MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-32MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:51:32 PM

Quant Time: Apr 15 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	180274	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	712895	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	373352	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	738080	20.00	ng	0.00
76) Chrysene-d12	13.91	240	515828	20.00	ng	0.00
87) Perylene-d12	15.33	264	426783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1218114	116.77	ng	0.02
7) Phenol-d6	6.37	99	1520839	113.15	ng	0.00
23) Nitrobenzene-d5	7.30	82	1082199	78.53	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	543385	118.87	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2216321	84.28	ng	0.00
79) Terphenyl-d14	12.86	244	2661142	86.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	153581	33.055	ng	# 81
3) Pyridine	3.25	79	257280	20.183	ng	92
4) n-Nitrosodimethylamine	3.18	42	236084	36.248	ng	91
6) Aniline	6.40	93	304930	17.284	ng	# 85
8) 2-Chlorophenol	6.52	128	526563	45.178	ng	98
9) Benzaldehyde	6.28	77	72405	4.757	ng	100
10) Phenol	6.39	94	585849	38.418	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	497248	42.232	ng	99
12) 1,3-Dichlorobenzene	6.67	146	455990	35.735	ng	98
13) 1,4-Dichlorobenzene	6.76	146	461803	35.528	ng	97
14) 1,2-Dichlorobenzene	6.91	146	443850	37.052	ng	96
15) Benzyl Alcohol	6.89	79	444755	42.601	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	863128	37.672	ng	94
17) 2-Methylphenol	7.00	107	459564	44.183	ng	99
18) Hexachloroethane	7.25	117	171728	35.351	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	386333	44.696	ng	96
20) 3+4-Methylphenols	7.15	107	549605	43.204	ng	93
22) Acetophenone	7.15	105	721798	43.238	ng	99
24) Nitrobenzene	7.32	77	566013	40.831	ng	100
25) Isophorone	7.56	82	1106704	41.662	ng	99
26) 2-Nitrophenol	7.64	139	293610	42.395	ng	97
27) 2,4-Dimethylphenol	7.68	122	482559	46.200	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	689150	44.088	ng	99
29) 2,4-Dichlorophenol	7.88	162	483386	45.149	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	456010	37.590	ng	99
31) Naphthalene	8.05	128	1505050	40.127	ng	99
32) Benzoic acid	7.82	122	366005	39.898	ng	93
33) 4-Chloroaniline	8.09	127	214663	13.147	ng	96
34) Hexachlorobutadiene	8.16	225	247535	34.087	ng	99
35) Caprolactam	8.47	113	123546m	37.723	ng	
36) 4-Chloro-3-methylphenol	8.59	107	552183	47.637	ng	95
37) 2-Methylnaphthalene	8.74	142	1087171	42.753	ng	99
38) 1-Methylnaphthalene	8.84	142	1037950	43.306	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	477179	40.466	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119969.D
Acq On : 14 Apr 2020 23:03
Operator : MA/SJ
Sample : L2229-16MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-32MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:51:32 PM

Quant Time: Apr 15 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	476435	71.052	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	366118	44.961	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	416207	45.381	ng		98
46) 1,1'-Biphenyl	9.20	154	1357145	43.066	ng		99
47) 2-Chloronaphthalene	9.23	162	1059814	43.657	ng		98
48) 2-Nitroaniline	9.33	65	408355	46.418	ng		97
49) Acenaphthylene	9.65	152	1705459	46.194	ng		100
50) Dimethylphthalate	9.52	163	1420410	49.186	ng		99
51) 2,6-Dinitrotoluene	9.57	165	302516	47.837	ng		94
52) Acenaphthene	9.82	154	1211236m	49.182	ng		
53) 3-Nitroaniline	9.73	138	202441	28.029	ng		99
54) 2,4-Dinitrophenol	9.85	184	325664	86.016	ng	#	90
55) Dibenzofuran	9.99	168	1558470	46.115	ng		99
56) 4-Nitrophenol	9.91	139	449336	83.615	ng		95
57) 2,4-Dinitrotoluene	9.97	165	396957	47.644	ng		92
58) Fluorene	10.33	166	1230474	45.527	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	344429	49.103	ng		98
60) Diethylphthalate	10.21	149	1376799	46.000	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	587166	42.387	ng		96
62) 4-Nitroaniline	10.36	138	318624	46.291	ng		99
63) Azobenzene	10.49	77	1270331	47.359	ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	216460	44.516	ng		95
66) n-Nitrosodiphenylamine	10.45	169	1134904	46.235	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	369293	40.233	ng		95
68) Hexachlorobenzene	10.88	284	401448	43.113	ng		95
69) Atrazine	10.97	200	291767	42.721	ng		98
70) Pentachlorophenol	11.07	266	445903	83.098	ng		99
71) Phenanthrene	11.29	178	1801063	45.850	ng		97
72) Anthracene	11.34	178	1841420	45.888	ng		100
73) Carbazole	11.50	167	1751637	46.159	ng		99
74) Di-n-butylphthalate	11.83	149	2205667	44.214	ng		99
75) Fluoranthene	12.48	202	1980620	46.730	ng		99
77) Benzidine	12.60	184	62201	3.567	ng		96
78) Pyrene	12.71	202	1981596	45.569	ng		98
80) Butylbenzylphthalate	13.33	149	930631	44.105	ng		97
81) Benzo(a)anthracene	13.90	228	1543249	45.477	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	374100	29.546	ng		97
83) Chrysene	13.93	228	1624413	47.111	ng		98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1210873	42.376	ng	#	99
85) Di-n-octyl phthalate	14.50	149	2206455	45.351	ng		98
86) Indeno(1,2,3-cd)pyrene	16.72	276	1333334	43.868	ng		97
88) Benzo(b)fluoranthene	14.93	252	1512463	49.263	ng		99
89) Benzo(k)fluoranthene	14.96	252	1301533	49.133	ng		99
90) Benzo(a)pyrene	15.27	252	1231958	47.724	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	1102560	48.219	ng		99
92) Benzo(g,h,i)perylene	17.14	276	1083327	47.997	ng	#	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119969.D
Acq On : 14 Apr 2020 23:03
Operator : MA/SJ
Sample : L2229-16MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Apr 15 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:51:32 PM