Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120494.D
Acq On : 2 Jun 2020 14:56
Operator : JU/CG
Sample : L2814-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-052920MSD

Manual Integrations APPROVED
mohammad
6/3/2020 4:36:00 PM

Quant Time: Jun 02 15:38:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165304	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	568978	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	250684	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	429667	20.00	ng		0.00
76) Chrysene-d12	14.03	240	261152	20.00	ng		0.02
86) Perylene-d12	15.49	264	320093	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	578613	66.71	ng		0.00
7) Phenol-d6	6.48	99	693784	64.89	ng		0.00
23) Nitrobenzene-d5	7.40	82	420529	48.35	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	149221	64.24	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	766166	51.86	ng		0.00
79) Terphenyl-d14	12.96	244	792563	67.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	101778	23.687	ng		99
3) Pyridine	3.39	79	232188	19.512	ng		99
4) n-Nitrosodimethylamine	3.32	42	117407	23.314	ng		100
6) Aniline	6.50	93	122486	8.216	ng		98
8) 2-Chlorophenol	6.63	128	245928	25.145	ng		96
9) Benzaldehyde	6.39	77	134549	20.649	ng		96
10) Phenol	6.49	94	294409	25.182	ng		82
11) bis(2-Chloroethyl)ether	6.57	93	239664	24.531	ng		98
12) 1,3-Dichlorobenzene	6.79	146	263765	24.547	ng		99
13) 1,4-Dichlorobenzene	6.86	146	264127	24.638	ng		99
14) 1,2-Dichlorobenzene	7.02	146	246987	24.943	ng		98
15) Benzyl Alcohol	6.99	79	194778	24.168	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	327988	21.295	ng		99
17) 2-Methylphenol	7.10	107	184898	21.141	ng		97
18) Hexachloroethane	7.36	117	67544	17.212	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	153346	22.564	ng		98
20) 3+4-Methylphenols	7.25	107	230523	20.864	ng	#	78
22) Acetophenone	7.25	105	307558	26.615	ng	#	95
24) Nitrobenzene	7.42	77	229925	24.539	ng		99
25) Isophorone	7.66	82	403588	23.086	ng		98
26) 2-Nitrophenol	7.75	139	109782	25.987	ng		95
27) 2,4-Dimethylphenol	7.78	122	195481	26.645	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	264654	25.138	ng		99
29) 2,4-Dichlorophenol	7.99	162	177599	23.967	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	202988	24.410	ng		98
31) Naphthalene	8.15	128	1031987	41.299	ng		100
32) Benzoic acid	7.88	122	110280	20.256	ng		97
33) 4-Chloroaniline	8.20	127	80018	7.225	ng		96
34) Hexachlorobutadiene	8.27	225	121312	24.611	ng		98
35) Caprolactam	8.55	113	54020	22.510	ng		95
36) 4-Chloro-3-methylphenol	8.68	107	168163	22.368	ng		100
37) 2-Methylnaphthalene	8.85	142	671156	40.549	ng		99
38) 1-Methylnaphthalene	8.94	142	602156	38.542	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	183151	28.490	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120494.D
Acq On : 2 Jun 2020 14:56
Operator : JU/CG
Sample : L2814-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Manual Integrations APPROVED
mohammad
6/3/2020 4:36:00 PM

Quant Time: Jun 02 15:38:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	14152	3.944	ng		95
43) 2,4,6-Trichlorophenol	9.12	196	116548	25.067	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	121352	23.026	ng		97
46) 1,1'-Biphenyl	9.30	154	559958	34.003	ng		98
47) 2-Chloronaphthalene	9.33	162	343906	25.361	ng		99
48) 2-Nitroaniline	9.42	65	104746	25.361	ng		99
49) Acenaphthylene	9.75	152	759134	36.227	ng		99
50) Dimethylphthalate	9.60	163	523909	33.429	ng		100
51) 2,6-Dinitrotoluene	9.66	165	73999	21.247	ng		95
52) Acenaphthene	9.92	154	788739	60.309	ng		100
53) 3-Nitroaniline	9.83	138	69880	17.086	ng		99
54) 2,4-Dinitrophenol	9.95	184	9302	13.613	ng	#	51
55) Dibenzofuran	10.09	168	1003246	52.787	ng		97
56) 4-Nitrophenol	10.00	139	136746	43.673	ng		96
57) 2,4-Dinitrotoluene	10.07	165	98595	22.119	ng	#	97
58) Fluorene	10.44	166	1179745	82.718	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	94171	22.930	ng	#	75
60) Diethylphthalate	10.30	149	370133	23.371	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	168671	21.814	ng		97
62) 4-Nitroaniline	10.44	138	81331	21.064	ng		95
63) Azobenzene	10.58	77	323277	21.701	ng		88
65) 4,6-Dinitro-2-methylphenol	10.49	198	8485	5.414	ng	#	69
66) n-Nitrosodiphenylamine	10.54	169	324017	27.148	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	104373	24.065	ng		96
68) Hexachlorobenzene	10.99	284	109947	23.804	ng	#	94
69) Atrazine	11.07	200	84509	25.121	ng		99
70) Pentachlorophenol	11.19	266	104767	37.099	ng		98
71) Phenanthrene	11.42	178	4358403	230.209	ng		98
72) Anthracene	11.46	178	2414175	127.091	ng		99
73) Carbazole	11.60	167	792956	43.158	ng		99
74) Di-n-butylphthalate	11.93	149	566185	26.491	ng		99
75) Fluoranthene	12.62	202	6068303	297.881	ng		98
77) Benzidine	12.72	184	292672	42.653	ng		98
78) Pyrene	12.84	202	5165445	284.415	ng		95
80) Butylbenzylphthalate	13.43	149	249078	32.851	ng		99
81) Benzo(a)anthracene	14.02	228	3928756	280.699	ng		96
82) 3,3'-Dichlorobenzidine	13.98	252	144084	28.355	ng		97
83) Chrysene	14.06	228	3052808	208.051	ng		97
84) Bis(2-ethylhexyl)phthalate	14.00	149	346738	38.958	ng		99
85) Di-n-octyl phthalate	14.61	149	575290	37.355	ng		99
87) Indeno(1,2,3-cd)pyrene	16.98	276	1721266	98.317	ng		96
88) Benzo(b)fluoranthene	15.08	252	3960507m	222.764	ng		
89) Benzo(k)fluoranthene	15.10	252	1129658m	68.062	ng		
90) Benzo(a)pyrene	15.45	252	2614020	168.091	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	688580	48.242	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1449278	102.948	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120494.D
Acq On : 2 Jun 2020 14:56
Operator : JU/CG
Sample : L2814-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 02 15:38:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Manual Integrations APPROVED
mohammad
6/3/2020 4:36:00 PM