Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121069.D
Acq On : 28 Jul 2020 14:53
Operator : JU/CG
Sample : L3435-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MSD

Manual Integrations APPROVED
mohammad
7/29/2020 11:47:18 AM

Quant Time: Jul 28 15:55:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	161590	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	635303	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	342970	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	670995	20.00	ng		0.00
76) Chrysene-d12	13.97	240	534216	20.00	ng		0.00
86) Perylene-d12	15.42	264	509736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1068232	108.37	ng		0.01
7) Phenol-d6	6.45	99	1340396	105.27	ng		0.00
23) Nitrobenzene-d5	7.38	82	848566	77.29	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	415286	110.62	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1518545	66.11	ng		0.00
79) Terphenyl-d14	12.92	244	1661428	67.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	156749	34.553	ng		99
3) Pyridine	3.33	79	345173	28.603	ng		99
4) n-Nitrosodimethylamine	3.26	42	178992	34.686	ng		97
6) Aniline	6.47	93	345246	20.772	ng		100
8) 2-Chlorophenol	6.60	128	411222	37.870	ng		98
9) Benzaldehyde	6.36	77	274072	46.310	ng		98
10) Phenol	6.46	94	470447	33.588	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	384914	35.859	ng		97
12) 1,3-Dichlorobenzene	6.75	146	415735	35.308	ng		100
13) 1,4-Dichlorobenzene	6.83	146	423942	36.209	ng		99
14) 1,2-Dichlorobenzene	6.98	146	404027	36.476	ng		99
15) Benzyl Alcohol	6.96	79	321008	35.650	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	536445	34.672	ng		99
17) 2-Methylphenol	7.07	107	321369	33.391	ng		99
18) Hexachloroethane	7.33	117	155859	36.779	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	252468	34.870	ng		97
20) 3+4-Methylphenols	7.22	107	371548	30.348	ng	#	82
22) Acetophenone	7.22	105	509248	35.716	ng	#	95
24) Nitrobenzene	7.40	77	407578	34.442	ng		97
25) Isophorone	7.63	82	757574	34.573	ng		98
26) 2-Nitrophenol	7.71	139	214851	38.228	ng		95
27) 2,4-Dimethylphenol	7.75	122	349820	38.337	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	484457	36.219	ng		99
29) 2,4-Dichlorophenol	7.96	162	339761	36.438	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	362560	35.047	ng		99
31) Naphthalene	8.12	128	1122427	34.443	ng		100
32) Benzoic acid	7.88	122	259503	37.885	ng		97
33) 4-Chloroaniline	8.16	127	157009	10.800	ng		98
34) Hexachlorobutadiene	8.23	225	209333	34.325	ng		99
35) Caprolactam	8.54	113	109968	36.776	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	355484	37.173	ng		97
37) 2-Methylnaphthalene	8.81	142	769741	36.378	ng		99
38) 1-Methylnaphthalene	8.91	142	718719	35.864	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	350188	35.044	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121069.D
Acq On : 28 Jul 2020 14:53
Operator : JU/CG
Sample : L3435-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 28 15:55:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
mohammad
7/29/2020 11:47:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	370534	67.092	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	247846	35.227	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	266101	33.342	ng		96
46) 1,1'-Biphenyl	9.27	154	937587	35.838	ng		100
47) 2-Chloronaphthalene	9.30	162	722491	33.872	ng		99
48) 2-Nitroaniline	9.39	65	225191	34.935	ng		98
49) Acenaphthylene	9.72	152	1157720	34.938	ng		100
50) Dimethylphthalate	9.58	163	1072143	43.331	ng		100
51) 2,6-Dinitrotoluene	9.64	165	195869	36.846	ng		87
52) Acenaphthene	9.89	154	779802m	37.015	ng		
53) 3-Nitroaniline	9.80	138	110967	16.644	ng		98
54) 2,4-Dinitrophenol	9.92	184	186513	62.583	ng	#	82
55) Dibenzofuran	10.06	168	1050181	34.472	ng		99
56) 4-Nitrophenol	9.97	139	334357	66.021	ng		95
57) 2,4-Dinitrotoluene	10.04	165	260611	37.332	ng		94
58) Fluorene	10.40	166	762706	33.567	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	233497	38.426	ng		97
60) Diethylphthalate	10.27	149	889534	35.543	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	375819	31.010	ng		97
62) 4-Nitroaniline	10.42	138	211798	32.613	ng		98
63) Azobenzene	10.55	77	818679	34.360	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	131369	34.962	ng		91
66) n-Nitrosodiphenylamine	10.51	169	745180	35.303	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	252743	33.784	ng		96
68) Hexachlorobenzene	10.95	284	286664	35.423	ng		96
69) Atrazine	11.04	200	209869	40.146	ng		98
70) Pentachlorophenol	11.15	266	344158	74.234	ng		100
71) Phenanthrene	11.36	178	1174440	34.032	ng		99
72) Anthracene	11.42	178	1234754	35.632	ng		100
73) Carbazole	11.57	167	1158494	33.688	ng		99
74) Di-n-butylphthalate	11.90	149	1445491	36.424	ng		100
75) Fluoranthene	12.55	202	1359757	35.548	ng		99
77) Benzidine	12.67	184	592287	42.169	ng		99
78) Pyrene	12.77	202	1367690	36.212	ng		99
80) Butylbenzylphthalate	13.39	149	652303	38.742	ng		99
81) Benzo(a)anthracene	13.96	228	1107331	34.230	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	347324	28.459	ng		99
83) Chrysene	14.00	228	1192094	35.066	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	814722	39.241	ng		99
85) Di-n-octyl phthalate	14.56	149	1580676	38.267	ng		98
87) Indeno(1,2,3-cd)pyrene	16.85	276	1143776	32.264	ng		100
88) Benzo(b)fluoranthene	15.00	252	1139304	36.976	ng		100
89) Benzo(k)fluoranthene	15.03	252	1080320	38.445	ng		99
90) Benzo(a)pyrene	15.36	252	1001966	35.643	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	966825	33.388	ng		98
92) Benzo(g,h,i)perylene	17.28	276	945444	33.113	ng		100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121069.D
Acq On : 28 Jul 2020 14:53
Operator : JU/CG
Sample : L3435-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 28 15:55:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
mohammad
7/29/2020 11:47:18 AM